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1973-74 AGRICULTURAL FILMS AND SLIDE SETS

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ONTARIO MINISTRY
OF AGRICULTURE
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SCI. MED. DIV.
1972

Ontario. Ministry of Agriculture and Food.
Agricultural films and slide sets.

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Key to Abbreviations for Producers:

CBC	Canadian Broadcasting Corporation	OAC	Ontario Agricultural College
CDA	Canada Department of Agriculture	OMMB	Ontario Milk Marketing Board
EBF	Encyclopedia Britannica Films	OMAF	Ontario Ministry of Agriculture and Food
IEF	International Educational Films	USDA	United States Department of Agriculture
IFB	International Film Bureau	UWF	United World Films
NFB	National Film Board		

Conditions of Loan

The films and slides in this catalog are available only from the Film Library of the Information Branch, Ontario Ministry of Agriculture and Food, Guelph, Ontario.

The Film Library is grateful to the National Film Board and to the commercial companies who have placed films on loan in the Library. The balance of the films have been purchased by the Information Branch.

General Conditions:

1. No more than three films may be loaned to any one organization at a time. Of the three, one must be agricultural.
2. The loan of films is restricted to the province of Ontario, with the exception of Departments and Faculties of Agriculture in other provinces.
3. Films may be kept for up to one week, exclusive of the time required for transport.
4. There is no rental charge for any of the films. No person or organization may use these films for a showing to which admission is charged.
5. Films cannot be transferred to another user without first being returned to the Film Library.
6. Persons or organizations borrowing the films are responsible for any damage to the films. Broken films should be returned to the Film Library for splicing.
7. A silent projector must not be used for a sound film.
8. Requests for films are filled in the order they are received.
9. All shipments of films are forwarded to the borrower express collect and can be returned either express prepaid or by parcel post.

How to Order Films:

1. All requests for films are to be sent to the Film Library, Information Branch, Ontario Ministry of Agriculture and Food, Guelph, Ontario.
2. Requests for films should include alternate choices if substitution is possible.
3. Requests for films should be made early to avoid disappointment.
4. All film shipments should be checked immediately on receipt. Any damage should be reported to the Film Library.

How to Use Films:

The value of films as an aid in the classroom, boardroom or meeting hall has been demonstrated conclusively. However, the full effectiveness of film depends on the way it is used. The viewers should

be prepared for the showing either by advance discussion or research. A discussion period following the showing strengthens the impact of the film by correcting misconceptions and answering questions.

The following are suggestions for setting up a film for showing:

1. The film should be threaded and ready to run before the audience has assembled.
2. A test run of a few feet of film should be made to check focus and volume.
3. Proper seating should be provided.
4. If the film is to be shown in the daytime, adequate blackout provisions should be made so that the screen is the brightest object in the room. Curtains should be drawn to cut out reflection-causing sunlight. Blackout curtains can be of any suitable heavy material. Opaque blinds may also be used. Color films generally require a greater degree of darkness than black and white.

How to Return Films:

1. Those borrowing films are requested to complete the screening report and to indicate any possible damage to the film.
2. Films should not be rewound after the final showing.
3. All films should be returned in the proper containers.
4. The gummed label enclosed with the films should be used when returning the films — either by prepaid express or parcel post.

How to Care for Films and Projection Equipment:

1. To prevent damage from dirt and dust, the film guide and pressure plate should be cleaned after each showing.
2. A projector should be thoroughly cleaned every six months.
3. Films are often damaged by being shown on the wrong kind of projector. Care should be taken that the correct projector is used.
4. Scratching will result if a loosely-wound film is tightened by pulling.
5. Heat from the light of a stopped machine will damage film.
6. Excess oil should be wiped off after a projector has been lubricated.
7. Perforations will tear unless there is always a full loop at the top and bottom of the gate.
8. A running projector should never be left unattended.

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- Agricultural Engineering —
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- Agricultural Waste Management 10
- Alfalfa — Queen of the Forages 10
- Alphabet Antics 10
- American Elm for Beauty or Beetles 10
- And So It Grows 10
- Animal Friends 10
- Animal Wonders 11
- Appleland 11
- Apples for Christmas 11
- ARDA 11
- Are We Fire Safe? 11
- Are You Warm to the Touch? 11
- Arranging Flowers in Your Home 11
- Arteries of Life 11
- Artificial Respiration 11
- Artistry in Flowers 11

- Back-breaking Leaf 11
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- Being Different 12
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Film Descriptions

(Unless noted otherwise, films are black and white with an optical sound track)

'A' Is for Architecture 1960
30 minutes, color

A panorama of ancient cities, palaces and temples whose splendor awed the eyes of all mankind — recreated by the skill of an animation artist. The film moves from one tradition to another, illustrating how each reflects the sentiments and values of its time, from the massive temples of the Pharaohs to the soaring skyscrapers of today. The influence of the architecture of past centuries lingers in the modern city. NFB

ABC's of Walking Wisely 1960
10 minutes

This film studies the rules of walking safely, on country or city roads, by using the alphabet. It shows children the habits of the J-walker, G-walker, I-walker, K-walker, O-walker, Y-walker, and how dangerous it can be not to observe the correct safety procedures. Produced by Sid Davis

A Beats C 1968
1 hour

An examination of the jigsaw puzzle of success in swine farming in Ontario. The pieces in the puzzle — breeding, feeding, housing and health — are held together by good management. The film depicts good practices in each area and sets forth the necessity of getting better before getting bigger.

About Making a Decision 1955
7 minutes

Teen-agers often resent being told what they ought to do, but have they the resources for making all their own decisions? This question is succinctly illustrated in the quandary of a high school girl who is determined to go to a gathering of her own friends rather than to a family gathering. When parental objections are removed, and the choice is left entirely up to her, she becomes uncertain. Can she make the right decision? This question is left with the audience and gives an excellent opportunity for discussion, if desired. NFB

Acres of Science 1960
30 minutes, color

A scientific survey of the work done by the DeKalb research stations in the United States on the breeding varieties of corn. The film shows how it is possible, through genetics, to produce hybrid corn plants that are higher in yield, have ears lower on the stalk, are disease and insect resistant, yet are suitable for the varied climatic conditions of the United States. Produced by Lee Parker

Agricultural Engineering — Profession with a Future 1960
14 minutes, color

An educational film prepared primarily to acquaint the public with the type of work performed by agricultural engineers — development of farm tractors, machinery, buildings, and drainage and irrigation systems — and the job opportunities in the profession. USDA

Agricultural Waste Management 1970
18 minutes, color

Disposal of animal waste on today's farms is an ever-present problem. The film shows several modern low-odor disposal methods used by dairy, hog and poultry farmers. Some of these methods are underground storage of liquid manure, plowing manure under in the morning, liquid soil injection and composting.

This film is recommended for dairy, hog and poultry farmers concerned about their environment and their nonfarm neighbors. Cornell University

Alfalfa — Queen of the Forages 1960
10 minutes, color

A film that shows alfalfa's versatility of usage, its palatability and high nutrition, its long life, its soil-building qualities, its high producing record. American Potash Institute

Alphabet Antics 1954
10 minutes

Teaching the alphabet to children. Castle Films

American Elm for Beauty or Beetles 1963
20 minutes, color

Deals with the breeding methods of the elm bark beetle, the consequent spreading of the disease and the methods used to control the disease. Cornell University

And So It Grows 1966
25 minutes, color

There are a great many job opportunities open to those interested in horticulture. Already, 100,000 people in the United States are employed in the nursery business and more are needed to meet the increasing demands. The film shows many of the jobs available in the ever-developing field of horticulture and the advantages that can be derived from being a horticulturalist. Mississippi State University

Animal Friends 1959
11 minutes

A film with three sections: Roll Call in the Rockies, taken in Banff National Park; Zoo Comes to Class,

taken in the Stanley Park Zoo in Vancouver; and It's a Dog's Life, showing the work of the Society for Prevention of Cruelty to Animals in Montreal. NFB

Animal Wonders 1963
25 minutes, color

A study of the development, through selective breeding, of a number of animals for a special purpose. These include the development of the Morgan horse, the jumping horse, the greyhound, the husky, the blood-hound, the seeing-eye dog, the sheep dog and, finally, beef and dairy cattle, using Angus and Guernsey cattle as examples. This film has a wide appeal to all ages and to urban as well as rural audiences. Worcester Films

Appleland 1950
10 minutes, color

The Annapolis Valley and its apple industry. The history of apple growing in this famous orchard valley is outlined briefly. Then we follow the season's progression: the spring pruning, blossom time, summer ripening, and harvest. Methods of apple handling and packing and producing apple products are shown. Nova Scotia Department of Trade and Industry

Apples for Christmas 1953
14 minutes

John Lindley of the Ontario Department of Agriculture and Food presents some important points on apple buying, uses and grades that should save housewives disappointment and money. OAC

ARDA 1971
2 minutes, color

The Agricultural Rehabilitation and Development Act has programs designed to ease the strain of adjustment to changes in agriculture. The film depicts different situations in which ARDA helps the farmer to help himself. OMAF

Are We Fire Safe? 1970
10 minutes, Color

A film on fire protection dealing with safety precautions and ways to minimize firespread potential, a glaring reminder of the many fire hazards around the home. It discusses the qualities of the firesafe home: its exterior and interior structure, its heating and electrical systems, the availability of escape routes, and the protection of fire insurance. This safety film is suitable for general audiences, and is of particular value to homeowners. Alfred Higgins Productions

Are You Warm to the Touch? 1968
15 minutes, color

A film that deals with car safety — good for any driver to watch, but especially good for the novice. It is concerned both with city and freeway driving.

Alertness, road consciousness, and watching out for the other driver are all part of this film on defensive driving. Canadian National Safety Council

Arranging Flowers in Your Home 1961
25 minutes, color

Five basic designs are presented in a clear, concise manner to show even the person who "just cannot arrange flowers" how to achieve a degree of proficiency in decorating the home with cut flowers. Besides detailing design construction, the film shows how to condition flowers for longer life, where to display them in the home and the most suitable containers and holder materials. New York State College of Agriculture

Arteries of Life 1954
10 minutes, color

Water and forests are important elements in the chain of life. Topsoil is helpless in supplying life unless aided by water. Water itself depends on forests which provide humus to store and regulate its flow. EBF

Artificial Respiration 1967
11 minutes, color

This most important of all summer survival films shows close-up illustrations of mouth-to-mouth resuscitation and the newest, most efficient manual technique: the recently approved Sylvester Method. Moreland-Latchford Productions

Artistry in Flowers 1967
34 minutes, color

Describes the basic rules of flower arranging and gives an explanation of the color harmony theory. The effects of various colors on the emotions and the affinity to color of different age groups are outlined, and then applied to floral design. Step-by-step demonstrations of the five basic shapes are shown and described in detail, and types of arrangements are chosen as the most suitable for specific locations. Fairchild Films

Back-breaking Leaf 1960
30 minutes

Smokers say tobacco is relaxing, but tobacco harvesters call it the back-breaking leaf. Here is a graphic picture of the tobacco harvest in southwestern Ontario, presented from the point of view of the transient field workers who move in for a brief bonanza when the leaves are ripe. A fickle plant to grow and cure, tobacco is at the mercy of changing weather - a factor that gives suspense and drama to the film. NFB

Basic Kitchen Knives 1968
20 minutes, color

There are four basic knives that every housewife should have in her kitchen: chef knife; slicing knife; utility knife; paring knife. Some helpful hints are given for paring, coring, cutting, chopping and slicing fruits

and vegetables. Some major points to remember are to have the knife well sharpened, use a cutting board, wash, dry and store knife immediately after using. Produced by Gordon Henderson

Battle of the Centuries 1950
10 minutes

An insect film showing the never-ending battles between the hereditary enemies, termites and ants. NFB

Be Careful Boys
11 minutes

This film shows the results of carelessness on the part of shipping and packing plant workers who handle fruit. Animation and music help show how such carelessness affects the farmer, retailer and consumer. One particular employee, Charlie Burke, is presented as a careless fruit handler whose work suffers because of a poor attitude. However, an amusing psychiatric session and hypnosis let him see how the world would be if everyone behaved as he. The film ends with a reformed Charlie singing about how he loves his job. Recommended for employees of shipping and packing companies that deal with fruit. Fruit Producer's Council, Britain

Being Different 1957
11 minutes

Does departing from the normal, from accepted patterns of dress or behavior, justify the unqualified disapproval of friends or associates that it often brings? The film is designed to stimulate discussion by teenagers of the validity of that attitude. It cites the case of a thirteen-year-old boy who had developed an interest in collecting butterflies — a hobby that his friends laughed at. Should he pursue his genuine interest, or should he conform to the opinion of his friends? The question is left to the viewer. NFB

The Better Way 1967
30 minutes

Prior to 1950, hog producers were without collective bargaining power. The Ontario Hog Producers Association was formed at that time to eliminate fixed prices, and to establish a producers' program. Before 1952, there was only one open hog market in Ontario, and that was at Toronto. There are now 40 open markets throughout Ontario. A better way of marketing has been found. Ontario Hog Producers

Be Water Wise 1964
13 minutes, color

A clear demonstration of safety principles that everyone should know — easy ways to keep afloat, safe ways to go to someone else's rescue, what to look for in swimming masks and fins. Sun Life

Bird Neighbors 1949
10 minutes, color

Familiar Canadian birds in their natural surroundings. Color close-ups focus on the birds' appearance and activity. A demonstration is given of how to build bird houses and attract birds. NFB

Birds of the Prairie Marshes 1957
10 minutes, color

Film studies of wild ducks, geese and other waterfowl on Lake Manitoba's luxuriant marshlands. NFB

Birth of a Caterpillar 1957
5 minutes, color, silent

As seen through the micro-camera, the young caterpillar breaks from the egg, eats the shell, and then begins the side-to-side movement of its head which accompanies extrusion of its silken thread. NFB

Black Creek Pioneer Village 1967
22 minutes, color

Authentic re-creation of the life and surroundings of Black Creek pioneers during the first half of the 19th century. The buildings and atmosphere of Black Creek are so real that the film can be used by teachers for classroom discussions. The film would ideally complement history and geography textbooks by placing students in the actual period and environment. Moreland-Latchford

Boating and Good Sense 1964
13 minutes, color

A film for all boat owners that sets down basic rules to follow for the safety of the owner and of others on the water: essential safety equipment that all boats should carry, rules of right-of-way courtesy of motor boats to small craft and to people in swimming areas. Of special interest is the film's advice to water skiers — how to take off, proper understanding of signals, special safety precautions to observe. Sun Life

Bonsai 1972
20 minutes, color

Bonsai is the art of growing dwarfed potted trees. This film outlines the care and techniques required. It shows how man has learned to control and direct the growth of a tree so that it retains all its admired qualities yet stays as small as the average house plant. Such a tree can be held in the owner's hands and trained to take a desired artistic shape. In the film, a nursery tree is turned into a Bonsai. Recommended for gardening groups and hobbyists. Brooklyn Botanic Gardens.

Bridal Veil Falls 1972
42 seconds

This short film clip tells viewers about a recent ARDA development program at Cagawan Park on Manitoulin Island. The park now contains picnic

grounds, nature trails and the new Bridal Veil Falls. The project is designed to draw tourists and so create new jobs and markets for the people on the Island. The film clip is intended for television use and all audiences. OMAF

British Empire and Commonwealth Games, Vancouver 11 minutes 1954

A brief look at the excitement of athletic competitions. NFB

Budget Flower Arrangement 30 minutes, color 1963

Flower arranging on a budget is demonstrated by a famous Japanese horticulturalist. Calvin Productions

Building Techniques (6 films) UWF 1955

1. Foundations and Concrete, 26 minutes
2. Framing: Floor Joists and Walls, 25 minutes
3. Framing: Rafter Principles and Common Rafters, 25 minutes
4. Framing: Hip and Valley Rafters, 25 minutes
5. Interior and Exterior Trim, 12 minutes
6. Fundamentals of Stair Layout, 11 minutes

Bulk Milk Collection 20 minutes, color 1969

The bulk milk collector, a major link between the dairy farmer and the industry itself, performs a difficult and exacting job. This film provides a detailed account of the steps involved in the modern bulk pick-up of milk, from the cleaning of the truck after one delivery, to the sampling and collection techniques involved in the next. Ideal as a training film for bulk milk collectors, it is also of interest to all those concerned in any way with the dairy industry. Directions for taking the sedimental and bacterial samples and for measuring and recording milk readings are given in detail. The film also includes many valuable tips on hygiene, the sterilization of equipment, the things to look for when checking or smelling the milk, as well as the proper handling, labelling and storage of the sample bottles. Above all, the film stresses the importance of the role played by the bulk milk collector. New York State College of Agriculture

Bushmaster 10 minutes, color 1967

Safety measures are essential while using chain saws: wearing a hard hat for protection, starting the saw on the ground, not carrying the saw while it is still running, making a deep notch in the tree before starting to cut. A chain saw is a good servant in the right hands. Forest Products Accident Prevention Association

The Business of Farming 29 minutes 1961

This film examines new trends in today's farm opera-

tions and, to illustrate, introduces Harry Brandon, a farmer whose preference for cattle raising is running his books into the red. When his bank refuses him a loan because of lack of confidence, he is forced to take stock of his practices to see where they might be improved. Finally, he consults the local agricultural representative. He joins a management club, and through contact with other farmers is better able to assess his own operations and to change their emphasis from cattle to hogs, resulting in quicker turnover and steady profits. NFB

By-products 10 minutes, color 1965

An animated film on how the by-products of the meat packing industry are obtained. Hide and wool are no longer the only by-products, as they were 150 years ago. Today the whole residue is being utilized to produce a multitude of products necessary to our present-day living. Swift Canadian

Call it a Weed 20 minutes, color 1970

Deals mainly with weed control for corn and soybean crops. It familiarizes the viewer with the common weeds, then discusses two aspects: "Steps for Control" includes techniques for weed prevention and elimination, and covers the use of herbicides. "Causes of Failure" stresses the importance of weed control plans for the future, the use of alternative methods, and sound knowledge of the soil, crop and weed to be dealt with. Recommended for field crop farmers and agricultural students. Purdue University

Canada: Landform Regions 15 minutes 1966

A view of Canada from a helicopter, showing the nature and extent of landform regions. Canada appears as a magnificent moving panoramic relief map in which the physical features of the entire land are clearly seen: the timeworn mountains of the Canadian Shield, the lowland regions, the great plains of the interior, and the mountain ranges of the west and the east. Ground level views show the influence of physical geography on where people live and what they do. NFB

Canned Fruit and Vegetables 7 minutes 1960

In this film the criteria of the three grades of fruit and vegetables — standard, choice and fancy — are described. Various fruits and vegetables are carefully examined by expert inspectors for the correct qualities of their specific grade. NFB

Can-Pak System 19 minutes, color 1968

Canada Packers' new and less fatiguing method of

skinning and eviscerating carcasses. This method requires a longer track, but the management says the reduction in arduous labour warrants the change. Canada Packers

The Cardboard Cow 1966
14 minutes, color

This film is a study of new trends in farming and the attractions of today's modern mechanized farming. It shows how, through the aid of scientific principles and laborsaving machinery, farm work has been improved and simplified. The modern science of marketing has enabled farmers to deliver the best products to the consumer. The film shows new methods available in many agricultural areas — including milking systems and insect control. USDA

Cash in on Grass 1959
20 minutes, color

Illustrations and comments point out many of the fertility, establishment and management practices which favor high production of grass and legume forages. Some emphasis is placed on proper utilization of these forages as pasture hay and silage. A farm operator comments on the production of quality feed from forages. National Plant Food Institute

Cattle Ranch 1963
21 minutes, color

Filmed through the seasons at Douglas Lake, 50 miles south of Kamloops, British Columbia, on the largest cattle ranch in the Commonwealth. A vivid picture of the life of a cowboy and of the herds over which he watches. NFB

Cell Division 1965
10 minutes

Cell division is the basis of growth in all living things. The cell theory states in part that all animals and plants are composed of tiny building blocks called cells. This film shows through a microscope how one cell of a grasshopper divides into many different cells. It demonstrates the division of the chromosomes and how the new nuclei are formed in the split cells. Phase Films

The Challenge of Abundance 1969
1 hour

A film supplement to the report entitled *The Challenge of Abundance* which was published in January 1969 by the Special Committee on Farm Income in Ontario. Three members of the original committee answer questions about some of the recommendations in the report. CBC

The Chameleon 1958
8 minutes, color

This film illustrates the habits and characteristics of this lizard. It shows how the lizard changes color,

how it catches its food, how it can look in different directions without turning its head, and many other characteristics. A film suitable for use in science classes. Educational Film Distributors

Chance of a Lifetime 1969
14 minutes, color

Mechanization on the farm brings with it many obvious benefits, and some not so obvious hazards. Harvesting corn, which has become a highly mechanized operation, is the subject of this film. The film was made almost entirely on farm locations, with the help of some of Ontario's corn farmers. There are actual situations encountered while using machinery during the corn harvest. The film shows that safety is no accident, but the product of education, motivation and responsible attitude. OMAF

The Changing Forest 1958
20 minutes, color

A brief essay on the ecology of a deciduous forest area of the type found along the southern fringes of the Laurentian Shield. How and why the maple, its flaming reds and yellows of autumn so characteristic of this type of forest, is best able to survive in the struggle for supremacy. NFB

Changing Maple Country 1965
23 minutes, color

The newest and most economical techniques for gathering and processing maple sap. How an expanding industry is utilizing the resources of maple forests. Cornell University

The Cheddar Cheese Story 1955
8 minutes

The story of how genuine Canadian Cheddar cheese is made. The film starts with a typical cheese-milk-producing farm, follows the milk to a local cheese factory and through the many stages of manufacture to the curing room where shortly it will be available to wholesale buyers. OAC

Chemical Conquest 1956
5 minutes, color

A film report on how chemical research is allied on the side of the farmer in his battle against the plagues that threaten his crops. Insects, plant diseases and weeds come under close scrutiny as scientists develop new formulas to check the invasions to which field and garden crops are subject. The film shows laboratory experiments at a government research station and examines questions that still need to be answered about the ultimate effects of toxic substances on food-producing soil. NFB

- The Chemicals of Plenty** 1969
25 minutes, color
Mites, bugs and blight take a big toll on Ontario's food production. The battle to control these destructive pests is vividly presented. The film points out the advances made in the use of pesticides to maintain production and quality of field and horticultural crops. It answers the questions: Are these chemicals effective? Does their need warrant the expense? Is their application harmful to human beings? ODAF
- Chicken Broiler Industry and Fresh Eggs** 1968
10 minutes, color
Steps in the broiler industry from the time the chick is hatched until it is ready for the supermarket; preparation and grading for market; egg production and grading. CDA
- Chickens by the Millions** 1956
5 minutes
A look at Nova Scotia's largest chicken farm — the large new chicken houses and the type of birds produced. NFB
- Chick Life** 1960
10 minutes, color, silent
The chick in this film is observed from the time it hatches until it matures. Much of the film was made at a commercial hatchery. Cornell University
- Circus at the Zoo** 1964
10 minutes
A circus put on by a group of trained chimpanzees. Castle Films
- City of Wax** 1948
10 minutes
Created a queen by her subjects, born in the darkness of their city, wedded high in the celestial sphere, giving birth to three million children, she was then destined to death by their hands. This happens in the City of Wax. NFB
- Colloids** 1953
10 minutes
A clear illustration, through experiments, of the differences between suspension and solution with such substances as water and sand, water and oil, water and clay. Erpi Classroom Films
- Color Me Golden** 1969
14 minutes, color
The story of corn, one of man's first food staples, from seeding to harvest, processing to serving. The film was featured at the opening of the Ontario Food Centre, Ontario House, London, England, headquarters for a market development project for promotion of Ontario sweet corn products. OMAF
- Color of Life** 1954
24 minutes, color
This film probes the perennial miracle that lies behind the growth of a seedling, the seasonal upsurge of life in a forest giant and the mysterious alchemy of a single leaf. The maple leaf and segments of the tree serve as illustrations of the physiological processes that go on in all plants. The way nature clothes her woodlands in the verdant green of springtime and the flaming riot of autumn is revealed in detailed time-lapse photography and animated diagrams. NFB
- The Colorful Cuttlefish** 1964
14 minutes, color
Structure and characteristic behavior of the cuttlefish are pictured. The film begins with a brief introduction to the cuttle-fish, during which the head, eyes, arms, fin and siphon are described and illustrated. The final sequence links locomotion and color change to ability to produce ink as a decoy and a smoke screen. Plymouth Films
- Commercial Cheddar Cheese Industry 1864-1964**
Describes how Cheddar cheese was made 100 years ago and stresses the importance of the Cheddar cheese industry in Ontario. A modern factory and methods of grading, storing and marketing are shown. Of interest to farm viewers as well as to those in the dairy industry. OMAF
- Community Action For Beauty** 1970
30 minutes, color
The purpose is to create an awareness in the viewer of nature's beauty, and to motivate him to beautify his surroundings with park lands and attractive gardens. It reviews a number of ideas communities have used to enhance their surroundings, and describe the efforts being made by school, gardening clubs, and individuals to encourage community support. The film is applicable to Canadian areas which are undergoing rapid urbanization. The National Council of Garden Clubs, U.S.A.
- Community Responsibilities** 1950
10 minutes
In good citizenship, where does a person's duty to the community end? NFB
- Conservation and Balance in Nature** 1966
18 minutes, color
Investigates the balance in natural ecological systems as related to the most critical question of our time: What is man doing to his environment? The natural world is composed of an infinite variety of situations in which organisms are interrelated. Interrelation of organisms in food webs is seen to involve delicate balance. A wide variety of animal adaptations is shown

and their significance to community balance is discussed. The examples are used to stress that adaptation is measured in terms of reproductive success — only individuals that leave offspring will continue the species. The role of man in changing the existing balance in biological communities is examined critically. IFB

Control of Body Temperature 1953
10 minutes

Man's body temperature rises during the day, falls at night and is regulated by the brain. A man's environment has no effect on his body temperature. A cold-blooded animal's temperature is not regulated in the same way. This film illustrates these and many more facts. EBF

Cooperation, Competition, Conflict 1957
16 minutes

How, in one town, the three fundamental social processes found in all human communities - competition, conflict and cooperation - operate to make society function. McGraw-Hill

Co-Ral 1958
14 minutes, color

This film brings out the advantage of using the agricultural chemical Co-Ral for the control of cattle grubs, crew worms, and other insect pests. It shows the life cycle of these pests to help in understanding the extensive damage that can be caused to animals. Calvin Productions

Corral 1954
12 minutes

The roping and riding of a high-spirited, half-broken horse are subjects for a film which makes visual poetry of this simple theme. Movement and music combine to tell a story without words, set in the foothills of Alberta, as a cowboy performs a task which is part of an old tradition of the West. NFB

Country Threshing 1958
30 minutes, color

The day of the great, smoke-belching threshing machine is almost over — pushed into obscurity by the combine harvester — but there are still parts of Canada where crops are gathered in the old-fashioned way. We visit the McNaughton farm in the Eastern Townships in Quebec to record sights and sounds that, not long ago, were common to most rural parts of Canada. The intense activity involves not only the farmer and his family, but all the neighbors too. NFB

Crops and Robbers 1969
15 minutes, color

Discusses how weeds rob the farmer of real cash value and rob the consumer by raising production and

food costs. The film proposes a control program based on crop rotation, cultivation, and herbicides, with a strong reminder to read labels on the latter. Intended for farmers and agriculturalists concerned about weed control. South Dakota State University, Cooperative Extension Service

Crops — Changing Systems 1966
1 hour (2 reels)

To have a more profitable crop yield, certain things are very necessary — good land drainage, seedbed preparation, fertile soil, weed control, disease and insect control, proper planting and harvesting of the crop. The cutting and storage of haylage and handling of grain corn are dealt with to some extent in this film. CBC-OMAF

Crops Not Weeds 1966
25 minutes, color

Tells of the new developments in chemical weed killers, and, by visiting many farms across Canada, it shows the success that has been obtained with these new chemicals. Laboratory demonstrations also prove that the use of the best chemical weed killers can greatly increase crop yields. Good spraying techniques are also shown. May & Baker

Cutting 1972
20 minutes, color

Several entries in a cutting demonstration demonstrate some good and bad practices. The film shows how the horse and rider quietly move in on a herd of cattle to remove their 'cut'. The horse must then, without cue from his rider, keep the cow or bull separated from the herd for two and a half minutes. One of the important aspects of cutting is that the horse keep his 'cut' well positioned or centered. This event requires alertness and skill on the part of the horse and rider. Recommended for professional and amateur horse trainers and others involved in horse competitions. American Quarter Horse Association

Cutting and Boning a Forequarter of Beef 1954
20 minutes

The best methods used in cutting and boning a forequarter of beef. UWF

Cutting and Boning a Hindquarter of Beef 1954
20 minutes

The best methods used in cutting and boning a hindquarter of beef. UWF

Deadly Driving Errors — a Matter of Distance 1969
11 minutes, color

Driving too close is the frequent cause of motor accidents because it limits the margin of safety. However, a new formula called the Timed Interval Rule has proven useful to help drivers maintain a safe driving

distance. This new rule doesn't rely totally on vision, as the old car-lengths rule does, and it works under all driving conditions. A film for all drivers. National Safety Council, U.S.A.

Death Is a Careless Hunter 1954
15 minutes, color

The sequence of an actual fatal hunting accident has been recreated showing the series of circumstance that led up to the shooting. The use of color in hunters' clothing, handling of guns, and movement in the bush are all discussed. A good film for 4-H and Junior Farmer Clubs as well as adult groups. New Hampshire Fish and Game Institute

Design For Abundance 1959
20 minutes, color

A plant pathologist explains to a neighboring family how plant diseases are caused by viruses, bacteria, fungi and nematodes — the same type of germs that cause diseases in humans and animals. Prevention and control methods are illustrated including use of certified disease resistant varieties of crop plants, use of chemicals, the prevention of spread of new plant disease among countries by port of entry inspection and quarantine. NFB

Diesel Decisions 1971
20 minutes, color

Discusses the care required to keep a diesel engine tractor in good running order. Emphasis is placed on cleanliness in the air, fuel, and oil filters, proper storage of fuel, and avoiding rust in the fuel tank. The film also warns that the tractor should be used for the job it was designed to do and that a good diesel fuel should be used. University of Nebraska

Dimensions 1971
12 minutes

Through a lively pantomime and bright colors, this film attempts to show the need for practicality, attractiveness and organization in the objects and furniture with which we live. The two characters in the film go through the motions of creating chairs, tables, doors, and windows of all shapes, sizes and colors, and at the same time, show the usefulness of the shapes and sizes of things that we take for granted. Recommended for all viewers but would be of special interest to Home Economics and Designing classes. NFB

Dogs, Sheep and Mr. Bo-Peep 1960
20 minutes

A shepherd, his horse, and three dogs at work. See a woolly mamma adopt a lamb in sheep's clothing. Scott, the collie, bottle-feeds a stray lamb. Exciting climax as the dogs close in on a killer. Official Films

Donald's Fire Survival Plan 1967
11 minutes, color

A film featuring Walt Disney and Donald Duck. Fire service authorities point out that fire drills in schools are common, and that most industrial plants have well-defined plans to be followed in case of fire. In many public buildings information as to the proper procedure is clearly posted. Yet it is rare to find a family having a well-thought-out fire escape plan in case their home burns. This is the message — the need for a plan, the plan itself and how to carry out the plan — that Walt and Donald present so dramatically in this film. Sovereign Film Distributors

Drownproofing 1967
11 minutes, color

An all-important summer survival film, demonstrating with detailed underwater photography how even nonswimmers can stay afloat and travel in the water for hours. Seeing the film almost does the trick. Moreland-Latchford

The Eagle Has Landed 1969
30 minutes, color

A new glimpse of man's incredible first journey to the moon. The film highlights the moon voyage in its entirety, from the boarding of the spaceship prior to flight, right through to the final splashdown. The moon travellers are seen landing on the moon and setting up the instruments so vital to the success of future operations. The lift-off by the lunar module and its link-up with the main space capsule are also clearly seen. The National Audiovisual Center

Earth In Motion 1970
10 minutes

Uses diagrams and practical examples to demonstrate the effects a turning earth has on the seasons, the equinoxes, day and night. The comprehensive scientific narration makes it suitable for senior classes. EBF

The Easier Way 1964
20 minutes, color

A film on the care of lawns. Eli Lilly

Economics of Forage and Grain 1972
20 minutes, color

Professor C.R. Hoglund of the Department of Economics, Michigan State University, discusses the financial aspects of different types of forage and grain silage systems. He also discusses the management factor for each system. The right system, he claims, will differ for each farmer according to his budget and storage needs. Filmed at the 1971 Ontario Silage Conference and recommended for use by extension workers. OMAF

- Egg Production in Ontario** 1958
4 minutes
Three types of poultry housing are shown in this film — caged, slatted floor and deep litter. Advantages and care of each are shown. NFB
- Eggs, from Farm to Frypan** 1965
10 minutes
The most up-to-date methods of poultry housing, grading and packing of eggs are illustrated in this film taken at Moorefield Produce Plant. CDA
- Electrical Safety in the Home** 1964
14 minutes, color
The objectives of this film are to alert viewers to common electrical hazards that may exist in their homes and to depict proper means of preventing or correcting such hazards. Stout State College, Wisconsin
- Elmer — Our Hero** 1966
7 minutes, color
A film for use with the preschool age group that points up the hazards of town streets. Presented by the familiar Elmer the Safety Elephant. Ontario Department of Transport
- Embryonic Development of a Fish** 1963
25 minutes, color
The development of the embryo from fertilization to hatching, a period of four days, is depicted with remarkable clarity. The actual growth of the embryo is shown by magnification, time-lapse and natural speed photography. NFB
- Emergence of a Dragonfly** 1960
5 minutes, color, silent
A close-up view of the change from aquatic nymph to shimmering airborne adult dragonfly, presented by means of macro-photography with the time-lapse camera. NFB
- The Erie Report** 1969
55 minutes, color
Presents a chilling picture of environmental misuse. The audience is taken on a tour of Lake Erie as the film reveals man's misuse of the lake. Includes a study of the major cities, rivers, and industries which contribute to the lake's pollution. Ideal for classroom presentations and group meetings, and for those interested in the pollution control program. CFPL London
- Erosion** 1950
5 minutes
Deals with the effect of wind and water erosion on good land. Methods of correction and prevention are suggested. UWF
- Estrous Control in Gilts** 1968
11 minutes, color
This film describes the use of the compound AIMAX I.C.I. 33828 as a feed additive to control and synchronize the estrous cycle in gilts. Semen collected, artificial insemination and examination of recovered female reproductive tracts are shown. The birth of piglets is shown. OAC
- Eternal Children** 1959
30 minutes
An intimate study of the special problems of mentally retarded children who through heredity, brain injury or various other causes are not equipped to keep pace in a competitive world. This film gives a frank appraisal of the problem and shows care and training methods being developed in special schools and institutions across Canada. A Toronto mother talks frankly about the kind of future she anticipates for her 10-year-old retarded son. NFB
- Every Second Car** 1966
26 minutes
Every second car now on the road, it is estimated, will cause an injury-producing accident during its lifetime. But, according to experts on safety promotion interviewed in this film, the driver is less to blame than is commonly supposed. Why so many accidents occur is illustrated in experimental crashes under controlled conditions. The film shows how safety engineering, if adopted by designers and manufacturers, could to a large degree reduce traffic casualties. NFB
- Eye of an Artist** 1956
21 minutes, color
The artist Dewey Albinson leads us around a typical old farm and tells of the drama and enjoyment he finds as he observes the natural beauty of the shapes, varied colors and rough textures. IFB
- Falls Are No Fun** 1965
10 minutes
An animated cartoon illustrating numerous types of falls on level ground, stairs, ladders, makeshift ladders, etc, and how they are caused and prevented. The film's advice is: Play it safe and avoid accidents. Suitable for young children. National Safety Council
- Family Farm Business Arrangements** 1967
1 hour (2 films)
A thorough discussion about the importance and kinds of farm transfer arrangements. Farm income-sharing arrangements are looked at also. CBC — OMAF

- Faraway Fields** 1968
20 minutes, color
Although only 7% of the population of Ontario lives on farms, 35% of the total working force is employed in industry dependent on farming. Mechanization and automation have vastly altered the labor scene on Canadian farms. Despite the fact that one man can now accomplish the work of several, there is still a real and increasing need for experienced managers. The Farm Labour Service of the Ontario Ministry of Agriculture and Food is engaged in a program of recruitment of farm managers from abroad, particularly the United Kingdom. Six of these new Canadians working on Ontario farms present interesting and candid impressions about their past and present situations. OMAF
- Farm Better Electrically** 1964
27 minutes, color
The equipment and installations in the film are not laboratory science, but actual operating installations. Phases of agriculture covered include dairy operations, poultry, hog, beef feeding, freezing and packaging, greenhouses, irrigation, materials handling, farm youth work, experimental installations on research farms. Edison Electric Institute
- Farm Machinery Management Today** 1967
1 hour (2 films)
Some of the topics discussed are selection of machinery to do the job, partnership arrangements, how to get the best use out of farm machinery, how to keep equipment operating efficiently. CBC — OMAF
- Farm Management — Records, Plans, Decisions** 1965
1 hour (2 reels)
Every farmer should be a bookkeeper if he wants to have a profitable business. Keeping records facilitates the management of the business, records are necessary when filing income tax, they greatly assist if a farmer ever needs to borrow money, when settling an estate they are essential. Also considered in this film are the elements that comprise a good bookkeeping system, the time involved in keeping books and who should be responsible for keeping them. Many helpful pointers are given for the farmer interested in increasing his profits. CBC — OMAF
- Farm Petroleum Safety** 1954
26 minutes, color
A film set in a country fair to demonstrate the hazards involved when using inflammable substances. One point to be remembered is that petroleum when in the right hands is a friend, but when it is misused it can quickly become a foe. Many important safety precautions can be learned. Colburn Film Services
- Farm Tractor Safety — A Family Affair** 1961
22 minutes, color
A film designed to promote the safe use of farm machinery both on farms and highways, and to show how organized groups approach the farm safety problem. To emphasize this need to knowledge there are dramatic visual references to the tractor's center of gravity, the drawbar, the hitch, plus demonstrations of tractor tipping. Imperial Oil
- Farm Vacations** 1972
42 seconds
The purpose of this film clip is to increase the popularity of farm vacations for city dwellers. It emphasizes the advantages on both sides: for the city family, it means fresh air, an adventure for adults and children, and a release from city tensions. For the farmer, it means an extra income and a new understanding with city people about farm life. Recommended for all viewers. OMAF
- Farm Work Simplification** 1954
18 minutes
A study of the methods used to eliminate unnecessary steps in carrying out the duties on the farm. Two 4-H Club members induce their county agent to explain to their father the method of Farm Work Simplification. The county agent shows how farm life can be made easier and more productive by the application of four basic steps: break the job down in all its details, question every detail, develop new methods, apply the new methods. Visual Training Corp
- Farming for Profit — Cereal Grains** 1968
16 minutes, color
A film to cover all aspects of cereal grain production as it relates to eastern Canada. It includes discussion on basic topics such as seed selection, fertilizer requirements, weed, insect and disease control, and harvesting and utilization. Although prime attention is given to barley production, other cereal grains such as oats, rye, fall wheat and spring wheat are also covered. Cyanamid
- Farming for Profit — Corn** 1967
20 minutes, color
Good planning and management are essential for profitable corn production. All aspects of growing a corn crop — from choice of variety through to harvesting and storing as grain or silage — are discussed. Newest machinery, including a zero tillage planter are shown in operation, as well as an aircraft applying herbicide. Emphasis is placed on the various problems that can arise during the growing season. This film serves as a good lead-in to a discussion on corn production. Cyanamid

- Farming for Profit — Forages** 1967
15 minutes, color
Forage crops occupy more arable land in eastern Canada than any other crop. Improved management would result in greatly increased yields of feed nutrients and in increased profits. To accomplish this increase, the forage crop must be treated as a first-class crop. Pasture in summer and field-cured hay in winter are not the best methods with forages. Other ways of harvesting, storing and utilizing forage are discussed. Also discussed are methods of establishment of the forage crop, roughland pasture renovation (including the use of aircraft), weed control, and the profitable use of fertilizer. Cyanamid
- Feeding Livestock** 1966
1 hour (2 reels) (Part 2 of series This Business of Farming)
Nutritional requirements and rations for beef cattle, dairy cattle and hogs are described. Reducing feed costs with high-quality homegrown feed is stressed. Attention is directed to feed additives, minerals and vitamins and livestock responses to different feeds. CBC — OMAF
- Feeling of Depression** 1950
30 minutes
Psychiatry film. NFB
- Feeling of Hostility** 1948
25 minutes
Psychiatry film. NFB
- Feeling of Rejection** 1947
20 minutes
Psychiatry film. NFB
- The Fences Are Coming Down** 1968
1 hour (2 reels)
Deals with dairy cattle and outlines some good sound principles in breeding, feeding, housing, herd health and the management required to tie all these together. Also illustrated for dairymen are changes that have occurred during the past 20 years and the part research and technology will play in dairy cattle management of the future. CBC — OMAF
- Festival in Puerto Rico** 1961
27 minutes
Canadian contralto Maureen Forrester sings at the Festival Casals, a musical event founded by the great Spanish cellist and conductor, Pablo Casals, and sponsored annually by the Puerto Rican government. The film focuses largely on Miss Forrester's rehearsal of her solo piece. (Domenico Scarlatti's Salve Regina). Also shows many informal glimpses of the Caribbean island and Miss Forrester's enjoyment of it with her husband, violinist-conductor Eugene Kash. NFB
- Find a Float** 1971
10 minutes, color
Water is a playground for some, but a peril for others. Demonstrates how easily peril can be avoided with the use of improvised floating aids. In a drowning emergency, there is usually something around that floats and this film shows how anyone can save a life by trying everything in sight to find a float. Recommended for all audiences. National Safety Council
- Fire in My Kitchen** 1971
13 minutes
This film was produced to help families make their kitchens fire-safe. It begins by emphasizing the importance of a fire extinguisher. The use of the extinguisher should be familiar to the family's adults, and it should be kept in working order. The film also outlines common sources of trouble such as hot elements and grease fires atop and inside the oven. Then, in case of an emergency, the film advises how to respond. The two most important steps to remember are to get any people out of the house, and to call the fire department. Film Communicators
- First Bite of the Fruit** 1970
18 minutes, color
Research scientists attempt to help the fruit farmer reduce the threat of crop losses due to insects, mites, maggots and other pests. Precise photography and accurate scientific documentation expose the behavior patterns of various pests enabling the farmer to identify these threats. He can then take the necessary steps to destroy them. The film shows that pesticides applied with the proper equipment can reduce serious infestations, which can cause a 50% loss in crop damage. Recommended for agriculture classes, fruit farmers, and extension personnel. Chemagro
- Fish Fry** 1954
10 minutes
A Krazy Cat cartoon for children. Walter Lantz Productions
- Fisheries of the Great Slave** 1956
20 minutes, color
In the heart of the MacKenzie District commercial fishermen are drawing rich harvests of fine whitefish and laketrout from the chilly depths of Great Slave Lake, the commercial possibilities of which were explored by government scientists in 1944. The film takes a look at this northern enterprise, showing the operations of independent fishing companies as they catch, process and ship huge quantities of fish to the markets of the world. Concluding sequences show the versatility of the snowmobile during the winter fishing season. NFB

- Fishing Fun** 1954
10 minutes
Sport film. Shows fishing along the Atlantic Coast, in the Rocky Mountains, off the Florida Coast, in Georgia and Arkansas. Castle Films
- Five for the Future** 1971
3 minutes, color
The five Ontario Colleges of Agricultural Technology are shown preparing young farmers for the business of farming. Not all graduates go out into the field — some go into laboratories, greenhouses, or commercial kitchens — so the colleges are contributing to most areas of Ontario agriculture. OMAF
- 5BX Plan for Physical Fitness** 1961
15 minutes
A physically fit person can do his work better, enjoys his leisure time more, is not a menace to those about him in his job or on the road and will probably live longer than the less physically fit. This film shows how the 5BX (five basic exercises) can help you to be physically healthy and mentally alert. NFB
- Flowers at Work** 1931
11 minutes, color
Animation and time-lapse techniques are used to describe the reproductive structure and function of flowers. The film also discusses pollination in composite flowers, self-pollination, and pollination by wind and insects. It shows flowers improved through the development of new varieties. EBF
- Flying Seeds** 1966
10 minutes
Time-lapse photography and close-ups show the different ways in which seeds travel by air. Examples of the parachute, propeller, wing and helicopter methods of flight are included. Shown are seeds so light they scatter by themselves, others which have their own sources of power are seen exploding and catapulting, and finally, seeds are shown planting themselves. Moreland-Latchford
- Food for Thought** 1971
4 minutes, color
Shows what is being done by the Milk Commission's quality control service. From dairy farm, through the hands of milk inspectors, through computer banks, then to the farmer in the form of a report, milk products inspection benefits producer and consumer. OMAF
- Food for Thought and Tomorrow** 1957
11 minutes, color
Tells the story of the first land judging competition conducted in Canada. It includes the basic principles of land use classification and philosophy. OAC
- Forest Tent Caterpillar** 1955
18 minutes, color
This film studies the forest tent caterpillar, showing the damage this voracious insect inflicts on our deciduous forests. Close-up photography reveals the caterpillar's life cycle and feeding habits, tracing its development from egg-laying through larva and pupa stages to the emergence of the lackey moth. The film also shows how the caterpillar population is controlled by natural hazards and the rapacity of other insects. NFB
- Forgive Us Our Debts** 1961
17 minutes
A film made for the Cuna Mutual Insurance Society and the credit union movement. It dramatizes and explains the insurance achievements of the credit union movement. Mutual Insurance
- Found — Lost Acres by Tile Drainage** 1955
17 minutes, color
A film record of a project to drain parts of Iowa State College's Swine Research Farm. The land is quite rolling and the average drain spacing for the area is 8 to 100 feet. The drainage by the tile extends over 20 acres. The film illustrates the proper procedure for laying 5-inch and 12-inch tile, laterals and main. Structural Clay Products Institute
- Four Families** 1959
1 hour (2 films)
A comparison of family life in India, France, Japan and Canada, in which Dr. Margaret Mead discusses with the film's writer-director how the upbringing of a child contributes to a distinctive national character. Center of attention in each case is a year-old baby in the family of a farmer of average means. Dr. Mead summarizes the more typical national characteristics at the conclusion of the film. NFB
- Four Religions** 1960
1 hour (2 films)
A graphic comparison of the religious practices of Hindus, Buddhists, Moslems and Christians, with narration by James Beveridge and comments by historian Arnold Toynbee. The film was photographed in India, Japan, Morocco and Canada. NFB
- Four Seasons** 1957
30 minutes, color
Gatineau Park, summer and winter playground and game sanctuary, is a land of flowers and forests, of rivers, lakes and rocks. The film builds a cumulative impression of this lovely region in the Laurentian foothills. NFB
- Fourteen Carrots** 1956
6 minutes
How to buy, prepare and tell the quality of carrots.

The nutritional value of carrots in a balanced diet is also described. UWF

Freeway Phobia 1966
30 minutes, color (2 parts)

Because Part One and Part Two do not rely on each other, this two-part film can be shown together or separately, depending on the time available. Disney's famous character Goofy shows how little some people know about driving on the freeway. Walt Disney

Freezing with Confidence 1964
28 minutes, color

This film shows clearly and simply how to freeze and package fruits, vegetables and meats. It uses animation to stress the importance of freezing fruits and vegetables immediately after they are picked or bought. Cornell University

From B to A 1956
18 minutes

A film on hog production showing how carcass quality and consequently carcass grades can be improved. Sound management practices result in higher grades, which in turn increase the returns to the farmer. Better management practices for the improvement of hog quality are based on breeding, feeding balanced rations and marketing at the proper weight. OAC

From 4-H Onward 1963
15 minutes

A young 4-H Club member and high school student ponders the problem of whether he should quit school and get a job or pursue a career that would require him to continue on to university. Upon his parent's suggestion he seeks the advice of his school principal, his doctor, the editor of the town paper and a merchant. Each person advises him to search well and weigh the matter thoroughly before entering on a career. Wawanesa Mutual

From Sociable Six to Noisy Nine 1954
18 minutes, color
Behavior study of children. NFB

From Ten to Twelve 1956
26 minutes

A film study of the emotional and physical development of children from 10 to 12 years. Quite far removed from infancy, yet not across the threshold of adolescence, children of these ages present an absorbing study of adults in the making. The children of one family are seen in various situations in the home, at school and in group play. Much of their conflicting behavior is actually a normal part of the growing process. NFB

Fruitland: Ontario Style 1970
14 minutes, color

Creates an awareness of the complexity of Ontario's fruit industry. It tells the story of the preparation, growing, and harvesting of the Niagara Peninsula's fruit crop and offers a variety of menu ideas to encourage the use of fruit. Suitable for presentation to homemakers, students and all others interested in Ontario's fruit industry. Bochsler Studios

Fruits of the North 1970
18 minutes, color

Designed to assist the fruit farmer in each step of his crop production. Using the University of Minnesota Fruit Breeding Farm as an example, the film covers the research and technological progress of orchardists, and shows the production of fruit for home consumption. The film shows the techniques of planting, fertilizing, transplanting, pruning, grafting and distribution of produce from the farm. It is recommended for fruit farmers and those interested in breeding fruit. University of Minnesota

Frustrating Fours and Fascinating Fives 1953
22 minutes, color
Behavior study of children. NFB

Fun at the Circus 1956
8 minutes

Children's film. A stirring picture of the famous Barnum and Bailey Circus. Edited Pictures

The Gamblers 1957
20 minutes, color

A construction safety film that shows precautions to be taken with various construction machinery and equipment and compares the hazards involved to those in a game of Russian roulette. The few extra minutes spent on these safety precautions could save a life. Calvin Productions

Gentleman Jekyll and Driver Hyde 1951
10 minutes
Driving safety. NFB

Good Alfalfa Requires Good Fertility 1960
10 minutes, color

Shows the importance of soil testing and liming, when to lime, what phosphate does to cause vigorous alfalfa growth, how research is finding inadequate K fertilization a major cause of alfalfa failure, and the importance of boron on alfalfa. American Potash Institute

Good Soil Management 1967
1 hour

Features discussions and illustrations of soil testing, drainage, soil fertility and other methods of managing soils for greatest crop returns. CBC — OMAF

Grade A Every Day 1969
8 minutes, color

A film to inform consumers about quality milk production on the farm. It shows what steps are taken by farmers to ensure that the milk that goes into the bottle is as good as is humanly possible to make it. The film traces the path of milk with special emphasis on the sanitary handling of the product from the farm to the dairy. A nontechnical film of interest to everyone who drinks milk. OMMB

Grain Silage Systems in Colorado 1972
22 minutes, color

M.S. Johnston of Garst and Thomas Hybrid Corn Company, Greeley, Colorado, describes some of the techniques and innovations of one of the fastest growing cattle areas in the western United States. His talk compares the types of silos used in Colorado with those used in Ontario, and advocates a high-moisture corn feeding program for livestock. He stresses the importance of following any new program thoroughly, to obtain the full benefits of that program. Filmed at the 1971 Ontario Silage Conference and recommended for use by extension workers. OMAF

Grain from Field to Feed: High Moisture Corn 1969
1 hour (2 reels)
(Part of series This Business of Farming)

A film that deals with feed grain on livestock farms. In the first half of the film the principles of handling grain from field to feed are shown through visits to several Ontario farms where grain corn is grown. The second half puts the principles to work. There is a discussion of reasons for selecting different methods of handling grain. Three working systems, providing feed grain for different types of livestock, are analyzed in detail. CBC — OMAF

Grassed Waterways 1955
10 minutes, color

A complete account of how to build a grassed waterway in a field that is being gullied by erosion. Grassed waterways are a modern way to stop erosion in a field, yet still use the land for hay or pasture. OAC

Grass Roots in the Soil 1950
20 minutes

The story of the State of Iowa: from the time when it was fertile prairie, through the period when this fertility was wasted by improper planting and conservation practices, to the moment of realization that it was grass — hay crops — that gave the land its fertility. Finally shows the beginning of operations to restore the land to its original richness. Iowa State College

The Great Golden Digger Wasp 1953
10 minutes, color

This film shows the female of the species preparing

her egg sac in the soil. She begins this procedure a few days after she emerges in mid-July and repeats it throughout the summer. She places a certain species of grasshopper in each sac with the egg. This grasshopper has not been killed, but paralyzed so that the newly-hatched larva will have fresh food. New York State College of Agriculture

The Great Potential 1968
30 minutes, color

Many people say that a girl does not need a college education — all she is going to do is get married and stay at home. It is the mother of the house, however, who is a constant companion to her children, and because of this, it is necessary that she should be sufficiently educated to understand her family so she can help guide them in every way. This film stresses that education is a must for everyone in our society today. Wawanesa Mutual

Great Tomato Harvest 1963
20 minutes, color

The tomato plant from the seedling stage to the processing of the fruit after delivery to the plant. Heinz

Green Cross for Safety 1967
10 minutes, color

This film shows various types of tractor accidents that can occur and suggests safety precautions to be taken. With the use of a mannequin, a series of tractor upsets is shown. The value of seat belts and roll guards is evident. NFB

Green Plant 1951
15 minutes, silent

Shows that living things are dependent for food upon the green plant. The latter's processes of food-making and growth are diagramed. EBF

Growing Alfalfa Successfully 1960
25 minutes, color

The value and uses of alfalfa, its origin and introduction into North America. The soil and nutrient requirements of alfalfa as well as cultural methods are featured. Fertilization, liming, seeding, inoculation, cutting, pests and weed control are seen. Time-lapse photography is used to show how the plant feeds and grows. American Potash Institute

Growing Feed for Livestock 1966
1 hour (2 reels)

Illustrates how different cropping systems fit into the livestock program on various farms. Drainage, soil, adaptability, cultural practices and other related topics are discussed. CBC — OMAF

- Gun Safety** 1967
11 minutes
It is vitally important that all who use guns should learn the common sense fundamentals of gun handling. These fundamentals are broken down into ten lessons, the ten commandments of hunter safety, which are shown all in practice. The film (shot in Canada) also deals with color blindness, what to wear for utmost safety, how to search area for game, how to enter bush and intercept trail, how to hunt on private property, how to identify game, and reaction to movement and noise. Moreland-Latchford
- Habits and Characteristics of the Norway Rat** 1953
28 minutes
The Norway rat, parasite of man, its characteristics and habits. It lives in colonies near garbage piles and city dumps, travels at night along established rat runways, can gnaw, climb and burrow. U.S. Public Health Service
- Habits and Characteristics of the Roof Rat** 1953
14 minutes
The roof rat lives aboveground, especially under roof eaves, climbs pipes and brick walls, runs along wires, is a pantry thief fond of cereals. U.S. Public Health Service
- Halter** 1972
10 minutes, color
Shows how to present a quarter horse at halter. The viewer will learn what the judge looks for in the horse's position, grooming, walk, trot, and alertness. The film gives tips on grooming, positioning and trotting the horse. The correct method of holding the rein of a standing or moving horse is also demonstrated. Recommended for professional and amateur horse trainers and others involved in horse competitions. American Quarter Horse Association
- Hands Off** 1968
22 minutes, color
The film narrator is George Small, an Iowa farmer, who lost his hand in a corn-picking machine. Shortly before George lost his hand one of his neighbors lost a hand the same way. These accidents happen so easily — just one slip and a hand, or leg or life is lost. Safety measures are essential around corn-picking machinery. Iowa State University
- Harvest Time** 1956
11 minutes
This film has three parts. Ten Thousand Eggs a Day shows an Annapolis Valley poultry farm with one of the largest hen houses in North America, an enormous pie-shaped shelter covering three-quarters of an acre of land which is home to 14,000 chickens. Harvest of the Vine is in the Niagara Peninsula of southern Ontario where the sun, soil and climate are just right for grape growing. Follow that Sheep is set in Kamloops, British Columbia where 7,000 sheep migrate to the western slopes of the Rockies every year. NFB
- Having Your Say** 1955
7 minutes
This film shows one group preventing another from speaking on its own basis — high school class dialog. NFB
- Healthy Livestock — Quality Guaranteed** 1956
18 minutes, color
People's health depends upon the quality of food they eat and drink. This quality is decided in many cases by competent veterinary doctors. This film is the story of the institution that gives Canada these men and gives its people healthy livestock and guaranteed quality produce. OAC
- Heating Cable** 1972
1 minute
This film briefly explains two new techniques used to facilitate and speed up tomato plant growth. The heating cable technique, with a cable imbedded in the earth, allows earlier planting. The direct seeding method uses seeds encased in a decomposable plastic tape and allows faster and more economical seeding. Both methods allow a farmer a better position in the competitive tomato growing industry. Recommended for tomato growers and extension personnel. OMAF
- Heed the Label** 1970
22 minutes, color
Stresses the importance of reading and heeding the labels on pesticide containers. The film is for farmers and others who use pesticides regularly, to alert them to the safety factors involved when using dangerous and toxic chemicals. This is a film for all potential users of pesticides. It is recommended for use by extension workers. OMAF
- Helping Hands** 1966
20 minutes, color
Beginning with a general description of the terrain and the agricultural produce of southern Ontario, this film outlines the work opportunities available, with particular emphasis on the time when each type of labor is needed. Transplanting, picking, pruning, grading and sizing all require a lot of men and women — men and women who are skillful and careful in their jobs. The film gives advice on several of the best methods of growing and how and when to harvest various fruits and vegetables. Ontario Federal-Provincial Farm Labor Council
- Heredity** 1953
10 minutes
The color, characteristics and traits of an offspring depend on the union of the egg and sperm cells. Dia-

grams are shown to illustrate the union of the different genes of the male and female to create a new being. EBF

High Moisture Grains for Dairy 1972
20 minutes, color

J. B. Stone of the Animal Science Department, Ontario Agricultural College, examines two different systems of preserving high moisture grains — ensiled or with organic acids. He also presents the results of a study on the feeding of high-moisture shelled corn in comparison with the feeding of high moisture ear corn.

Stone advocates a high-moisture corn feed program and in this film he explains why. Filmed at the 1971 Ontario Silage Conference and recommended for use by extension workers. OMAF

High Temperature Short Time Pasteurization 1951
18 minutes

Procedures to be followed by a milk sanitarian when inspecting. Testing and understanding the complex equipment that controls the pasteurization of milk by the high temperature short time pasteurization method. UWF

Highball Highway 1963
10 minutes, color

An average driver, on an occasional night out, takes the road that usually leads to trouble. An illustration of the safety slogan: If you drive, don't drink — if you drink, don't drive. IEF

A Hole in the Pocket 1970
27 minutes, color

Designed to help the farmer lessen preventable losses in his corn crop. It shows him how to measure losses due to improper operation of combining and shelling machines and gives detailed instructions on adjusting the machines. Ground speed, header height, engine and cylinder speed and the size of the grain sieve opening are all checked by the farmer in the film. Useful instruction for all corn farmers. Allis-Chalmers

Home Economics Story 1964
20 minutes, color

This film follows the progress of three students of Macdonald Institute from the beginning of the Home Economics Course to graduation. OAC

Home Landscaping 1965
15 minutes, color

Every year new houses spring up all across Canada. Often homeowners are at a loss as to how to proceed with landscaping. This film presents some basic ideas. Using tabletop models of four types of suburban houses, it demonstrates landscaping techniques for each type, following through suggestions for transform-

ing bare front and back lawns into beautifully organized tree, shrub and decorative flower bed arrangements. NFB

The Honest Truth 1954
5 minutes

Is honest judgment better than diplomatic double-talk? NFB

Honeybee 1955
10 minutes

In this film we see many honeybees, swarming over apple blossoms and collecting nectar and pollen to be stored in the bee hive. Inside the hive are three castes of bees — workers, drones, and queen. The life history and work of the bee are revealed in a very interesting manner. Erpi Classroom Films

The Housefly 1960
17 minutes, color

Because of its structural and reproductive characteristics the housefly is one of the most dangerous insects in the world. This film illustrates the main structural features and biological functions of the housefly and depicts some of the health practices and scientific research procedures being used against the pest. The film reveals some of the sanitation procedures which are necessary to control the housefly menace. EBF

How to Beef Up Feedlot Profits 1966
14 minutes

A film on good livestock management. It examines methods used by two livestock producers to beef up their feedlot profits, shows the type of feed they use and why, and tells what they look for in livestock. Automated feeding systems are shown in use. Massey-Ferguson

How to Conduct a Discussion 1965
20 minutes

Shows discussion techniques. NFB

How to Do Rescue Breathing
5 minutes

A person can die in four minutes or less if breathing is stopped. It is therefore vital that everyone be able to perform artificial respiration properly. Seminar Films

How to Fight Fires in the Kitchen 1961
7 minutes

Shows how easily fires are started while cooking with oils and fats. How to control small fires which start on top of the stove, and oven fires. Frayed electric cords on appliances often cause short circuits and should be checked for wear once a year. National Board of Fire Underwriters

- How to Grow Roses** 1948
17 minutes, color
C. Eugene Pfister of Mundelein, Illinois, at work in his rose garden, demonstrating his recommendations for planting, pruning, fertilizing and proper care of prizewinning roses. Included time-lapse pictures of roses blooming. IFB
- How to Have an Accident in the Home** 1957
10 minutes, color
Animation featuring Donald Duck and J. J. Fate. How 5,000,000 accidents occur in the home each year because people do not exercise average intelligence and care. Walt Disney
- How to Prevent Corn Harvest Losses** 1967
16 minutes, color
Originally produced as a teaching aid for vocational agriculture classes and farmers' meetings. This excellent film stresses production efficiency, mentions where and why corn harvest losses occur, gives methods of measuring these losses, and shows correct machine operation and adjustment practices to keep losses low. Ohio State University. USDA
- Human Reproduction** 1948
20 minutes
A film on the human reproductive system and on the process of normal human birth. The anatomy and functions of the female and male reproductive organs are shown by means of models and animated drawings. McGraw-Hill
- Human Skeleton, Muscles, Movement and Posture** 1953
11 minutes
All body movements and posture are the result of muscle action. With every breath muscles expand and contract. In this film muscular movements are clearly illustrated by the use of diagrams and explanations. G. B. Instructional
- Hydra (Parts 1 and 2)** 1955
10 minutes each
In any pond the fresh water polyps hydra may be found clinging to some other organism. The capture, consumption and digestion of food, discharge of waste materials and muscular movement are clearly illustrated in this film through actual photographs and by diagram. G. B. Instructional
- Ice Safety** 1967
11 minutes, color
A film shot in Canada that deals with the rescue of a drowning person in an icy water hole. There are lessons on how to avoid thin ice, how to distribute weight on ice, how to dry out if wet and why even 8 inch ice is not safe when water-covered. The film also tells of the dangers of morning and afternoon ice, the influences of the sun, warm currents, shorelines, narrows, creeks and the many other conditions which make ice dangerous. Moreland-Latchford
- I'm No Fool Having Fun** 1965
8 minutes, color
Stresses the importance of recreation and relaxation. Points out the important safety rules to be observed when having fun. Walt Disney
- I'm No Fool in Water** 1965
8 minutes, color
Gives a complete summary of the rules for water safety. Shows the right and wrong way to behave when swimming. Walt Disney
- I'm No Fool with Fire** 1965
9 minutes, color
Jiminy Cricket traces the history of fire and points out safety rules. He sings and dances to I'm No Fool as he conducts a safety contest between Y-O-U and a Common Ordinary Fool. Walt Disney
- The Incredible Journey** 1956
28 minutes
This film uses an imaginative blend of reality and fantasy to drive home an unforgettable safety message. It is a gripping portrayal of six murderous beliefs that take deadly toll of life and happiness every day in the year, illustrating these beliefs with case histories that underline the seriousness of the safety theme. Sinclair Refining Co.
- Indoor Plants** 1970
16 minutes
This film discusses the three major factors that aid healthy indoor plant growth: good light for a large part of the day, high humidity around leaves as well as in the soil, and a maintained temperature of approximately 60 degrees. The film also shows what types of planters to use, how to water and re-pot. Insect control and plant hygiene are included, and differences in seasonal care are briefly outlined. Recommended for all indoor plant gardeners. Chicago Horticultural Society
- Insects Are Interesting** 1955
10 minutes
A pictorial coverage of insects, both beneficial and harmful, that points out how types differ in basic anatomy, metamorphosis and feeding. Due to their rapid rate of multiplying, certain insects often become a problem in some agricultural crops. When this occurs, the natural balance is upset and they must be controlled by man. Murl Deusing Productions

- Inside the Cell** 1953
40 minutes
Deficiency in minerals, vitamins, etc can bring about an imbalance in the body. This film attempts to explain and illustrate how the development, function and general chemical makeup of the cell affect our health and wellbeing. United States Army
- Integrated Control of Orchard Insects** 1970
25 minutes
Using chemicals alone for control of orchard insects is costly and may cause damage to areas outside the actual orchard. Integrated control as described in this film is an effective preventive method and has produced a high yield of clean fruit. Some of the techniques of an integrated control program are explained, and methods and instruments used for assessing the orchard's insect population are shown. The film also shows the insects that are most harmful in an orchard; explains how the use of predators like Lace-Wings, Assassin Bugs and Lady-Bird Beetles combined with the spraying techniques described in the film will achieve a high degree of control of undesirable insects. Recommended for showing by personnel with knowledge of integrated pest control. University of Guelph
- International Plowing Match, 1963** 1963
10 minutes, color
The activities of the 1963 International Plowing Match at the Conn Smythe Farms, Caledon, Ontario. It shows the tented city, the plowing and various demonstrations. OAC
- Introducing Insects** 1960
17 minutes, color
The theme of the film is: What is an insect? The main groups of orders of insects are illustrated. The key anatomical characteristics used for identification and classification are given. Microcinematography, slow motion, and time-lapse effectively reveal startlingly beautiful sequences in insect development, while illustrating another method of classifying insects. NFB
- Islands of Green** 1962
25 minutes, color
The need for conservation is an immediate one, as is emphasized in this film. Those who learn about nature's ways and learn to appreciate them hopefully will work to save and wisely use the resources and beauty of their land. In this film a group of children is taken on a tour through a nature center to learn about nature. They see various forms of wildlife found in their natural habitat. USDA
- It's Been a Good Day** 1969
15 minutes, color
A novel approach to pointing out the potential dangers of electricity. A rather old gentleman wearing antiquated clothes and driving a vintage Rolls Royce is employed by a committee to act as an accident expert. The committee needs action and the old man certainly gives it to them. By the time he has stopped potential accidents, and has explained to the near-victims of the accidents what they did wrong, he has the members of the committee riveted to their seats. Ontario Hydro
- It's Time to Light the Fire** 1971
11 minutes
This film aims to increase the safety and enjoyment of barbecuing. It begins by warning viewers to use the proper fire starter. Solid starters and electric igniters are shown to be relatively safe. The film outlines several other precautions and discusses as well the care to be taken when barbecuing indoors or on confined patios and balconies. In addition, the film shows how to act in an emergency. Should a fire break out, a nearby garden hose or fire extinguisher could prevent it from destroying a home and a family. Film Communicators
- Junior Bronco Busters** 1954
10 minutes
Teen-age and younger boys and girls of the West, literally raised in the saddle, enter a junior rodeo for all the routin', tootin' tests in which their daddies compete. Vicious, bucking horses and wild, red-eyed steers hold no terrors for these amazing juniors who'll give you a thrill-a-second with their reckless riding, crack roping and bull-dogging. U. W. Castle
- Keep the Best and Sell the Rest** 1952
8 minutes, color
The wish of every poultry man to have a heavy-producing flock can only be the result of good breeding, management, feeding and culling. J. P. Walker of the Poultry Department, OAC, illustrates the main principles of culling: head type, conformation, bone structure, capacity and flanks. OAC
- Keyboard Concert No. 1 and 2** 1950
10 minutes each
Gallico three-piano ensemble playing Schubert Waltzes and Country Dances. Pictorial Films
- Keystone** 1969
24 minutes, color
Agriculture today employs more specialists in a wider variety of jobs than any other single industry. Farming itself, once considered more a way of life than a business, now requires trained, business-oriented managers in what has become a complex and highly competitive field. Since specialization requires education, five schools of agricultural technology have been established across the province. Young men and women with some level of secondary school education can enroll in courses in farm management, agribusiness, home economics and other related areas. An excellent film for secondary school teachers and students, and guidance counsellors. OMAF

- The Kick that Makes the Chick** 1960
5 minutes
The importance of riboflavin in the poultry diet. Arrow Films
- Killers of the Insect World** 1948
11 minutes
The eternal circle — the means by which the numbers of insects are kept in proportionate quantities. This particular film deals with the chain reaction of praying mantis, hunting wasp, spider and the king of the small animal kingdom, the scorpion. Pictoreel
- Klee Wyck** 1947
19 minutes, color
Emily Carr's paintings of British Columbia's Indians. NFB
- Land Revived** 1955
17 minutes
The story of soil fertility problems in Waterloo County and how they were solved. Land overgrown with thorn trees was reclaimed and put into use as permanent pasture. Farm pond construction was encouraged and erosion problems remedied. Some farmers adopted contour and strip cropping. Waterloo County Soil & Crop Improvement Association
- Landscaping for the Future** 1966
15 minutes, color
A film made especially for families landscaping their home grounds. It shows how the bare surroundings of a new house can be made to bloom with flowering shrubs and evergreens and trees. How to do it is shown in detail by Professor Donald J. Bushey of the New York State College's Department of Floriculture and Ornamental Horticulture. Cornell University
- Laws of Heredity** 1970
15 minutes, color
Demonstrates how inheritance is determined in statistically predictable ways. It presents the insights and conclusions about inheritance that were first expounded by Gregor Mendel. Recommended for use in high schools. University of Pittsburgh, and University of California
- Learning about Gardening** 1969
18 minutes, color
Introduces children of grades three or four to the basics of gardening. The film presents a teacher helping her grade 4 class prepare a garden show. The pupils are responsible for seeding, transplanting, and caring for their plants until maturity. This film is ideal for young gardening enthusiasts and for those who teach gardening fundamentals to youngsters. The Chicago Horticultural Society
- Leaving It to the Experts** 1955
8 minutes
Is it an individual's responsibility to keep informed of events beyond his immediate concern? NFB
- Lessons in Living** 1953
22 minutes
How a community center was organized and built. NFB
- License to Kill** 1965
15 minutes, color
Depicts the efforts of the Windsor Police Department to cut down traffic accidents. The story evolves around John Brady, an insurance agent, who is normally a very careful driver. After celebrating a successful business deal with a few drinks, he purchases a brand new car. On the way home he becomes reckless and a head-on collision results. He is ultimately dealt with in court. Windsor Police Department
- Life in a Garden** 1954
20 minutes, color
A garden and all its inhabitants — including the bumblebee, caterpillar, ant, hornet, spider, tree frog, praying mantis and several different birds. Roy Wilcox Productions
- Life in the Woodlot** 1960
17 minutes, color
A surprising peek into the hidden world of the underbrush where silent, relentless rivalry is concealed by overhanging foliage or by a pyramid of life in which lower orders sustain and support the higher orders. The grub lives on the fallen log, a fledgling grouse chick feeds on grubs, a snake strikes at the fledgling chick, and, in turn, is seized by a hovering hawk. The film witnesses a similar struggle for supremacy in the plant world. NFB
- Lincoln County — Century of Harvest** 1959
15 minutes, color
A film on Lincoln County giving the story of the century-old Niagara Peninsula. It shows a landscape full of hidden retreats, a pictorial description of the fruit-growing belt, dairy farms and fall fairs. Robert J. Meyer Production
- Livestock — Managing for Profit** 1965
30 minutes
To market effectively such forage crops as hay, silage and pasture there must be livestock to consume them. Feed costs and production levels for livestock are all clearly given. This film illustrates that livestock enterprises enable many Ontario farmers to use their

- land, labor and buildings more profitably than any other alternative. CBC — OMAF
- Livestock Production** 1962
28 minutes, color
A wide-ranging film that shows breeding of cattle and swine, showmanship of cattle and swine, feeds and feeding, and some of the newer, more modern equipment available and the benefits derived from it. Benard Productions
- Look to Ladino** 1956
21 minutes, color
In a setting of snow-capped mountains and lovely rural scenery, this film tells the story of ladino from seed to feed. Its educational value is high, but it does not get too technical for the average person. Farm Film Foundation
- Look to the Forest** 1960
22 minutes
Fire and flood, wasted resources and barren lands are the penalties of forest destruction. The film describes basic measures to preserve Canada's forest wealth. NFB
- Loon's Necklace** 1950
10 minutes, color
An Indian legend of how the loon received his distinguishing neck band. A display of British Columbia Indian masks and totem poles is also seen. NFB
- Lord Durham** 1961
29 minutes
From the pages of history this film brings a reenactment of a crucial time in the life of Lord Durham, author of one of the greatest state papers in British colonial history. NFB
- Louis-Joseph Papineau — The Demi-God** 1961
28 minutes
A stirring picture of early Quebec during the time when Louis-Joseph Papineau was the voice of the people in the struggle for responsible government. NFB
- Machine Placement of Fertilizer** 1959
10 minutes, color, silent
The Salinas Valley in California provides the setting for a demonstration of different methods of placing fertilizer and the different types of equipment used. American Potash Institute
- Make It a Safe Harvest** 1963
18 minutes, color
A demonstration of various hay and grain harvesting hazards. Operators of the farm equipment are accident victims who have lost hands in this type of machinery accident. Points out various problems they encounter. OAC
- Man and Computer: A Perspective** 1970
22 minutes, color
The purpose of this film is to allay fears of the computer. Diagrams and charts examine some of the aspects of computer work. Programming is demonstrated, as well as how data is fed in and traced until it is tested for accuracy. This film is for those interested in how a computer works and how it can be put to use to help man. IBM
- Man-Made Miracles** 1953
30 minutes, color
A general interest film to show the great advancement made through a scientific approach to selective breeding, training and nutrition of horses, dogs and cattle. There are lively scenes in the care and training of some of the country's famous racing horses, polo ponies and hunters. The film also shows action scenes in the breeding and training of sheep dogs, huskies, Labrador retrievers, pointers and setters. The advancement in the selective breeding, care and nutrition of Guernsey cattle for quality milk production and Aberdeen Angus cattle for quality beef is graphically shown. American Guernsey
- Maple Sugar** 1960
8 minutes
Quebec produces about 80% of the world's maple products. This film reports from the heart of the sugar country in Quebec's Eastern Townships. All stages of processing are shown, from collecting the sap to boiling, bottling and marketing. NFB
- Marching the Colors** 1952
3 minutes, color
An experiment in film without using a camera. NFB
- The Market Place** 1972
10 minutes, color
The stockyard serves as a price-setter for the livestock industry in Ontario. The film shows how the stockyard operates and outlines its importance to farmers. It takes us from the weigh-in of the animals through the actual auction, to the producer collecting his money. An interview with a producer helps explain why many farmers prefer to sell their animals at the stockyards. Of interest to all animal producers and extension workers. OMAF
- Mastitis** 1948
20 minutes, color
Mastitis costs Canadian milk producers 30 million dollars annually. Causes, preventions, recognition and cure are brought out in this film. Various forms and stages of infection are shown. NFB

- Mastitis — Something Can Be Done** 1960
10 minutes, color
Mastitis is a disease that robs the farmer. In this film some of the causes and symptoms are given. A useful film for those who want to improve the productivity of their cows. Pennsylvania State University
- A Matter of Principle — Robert Baldwin** 1961
33 minutes
Here, in a stirring reconstruction of the Upper Canada Rebellion of 1837, the predicament of Robert Baldwin, the reform leader who, in the midst of armed revolt, withdrew to fight a lonely battle with himself. NFB
- Mechanical Auctioneer** 1956
8 minutes, silent
In this film, which also goes under the title of *The Dutch Clock*, the Ontario Cheese Producers' Marketing Board bids for cheese by using a mechanical device. OAC
- Meiosis** 1950
17 minutes
Drawings illustrate how meiosis, the reduction division of cells, occurs. Stanford University School of Medicine
- Menu** 1968
22 minutes, color
Proper eating habits are illustrated through an experiment carried out by the Royal Canadian Mounted Police on police dog puppies. Four pups are put into pairs — one set is given a well-balanced diet while their brothers are given a diet deficient in certain food elements essential to health in the puppies. The changes are watched closely. The experiment is stopped at the end of six weeks before any permanent damage has been done to the puppies' health. Department of Health and Welfare
- Methods Analysis** 1951
10 minutes
Methods analysis is used to reduce production costs by increasing productivity of men and machines. The film demonstrates the basic approach and techniques of the methods analyst in studying the manufacturing cycle and indicates methods of gaining employee cooperation. McGraw-Hill
- Microscopic Life in the Soil** 1968
14 minutes, color
A film illustration of the components making up soil. Soil is not an entirely lifeless substance, for it contains many living organisms, microscopic in size. These micro-organisms exist on earth in the scheme of all living things. Certain of them profoundly influence all higher forms of life, and help maintain the balance of life on earth. Stanton Films
- The Midas Touch** 1965
20 minutes, color
Filmed with the assistance of OAC and Ridgetown field crop science specialists, this film provides growers with the basic technical know-how they need to use Atrazine to the best advantage for weed control in corn. Fisons
- Milk** 1970
11 minutes
This film tells the story of milk from the modern dairy farm, with its loafing barns and immaculate milking parlors, to the milkman's daily delivery route. Stressing the need for careful handling and sterile equipment, the film shows how milk is processed in a dairy plant; how it is tested, pasteurized, bottled, and distributed. The film also shows the availability of fresh dairy products for home use. Recommended for classroom use, the film will acquaint students with the processes and workers involved in the production and distribution of a basic food. EFB
- Mini-Gardens** 1971
15 minutes, color
Mini-gardens are little gardens that can be grown almost anywhere and in anything. Their versatility has made them popular with apartment dwellers, school children, prison inmates, retired people and those with yards too small to hold a regular garden plot. This film shows that a wide choice of containers, seed, and location makes mini-gardening an inexpensive pastime. Imagination is the secret. For all audiences. Walter J. Klein
- Miracle of Paradise Valley** 1947
33 minutes
A splendid farm safety film which, although highly imaginative, points out the steps that need to be taken by average farm people toward lessening the high farm accident rate in rural areas. Sinclair Refining
- Miracle of the Bees** 1957
18 minutes, color
A remarkable color film showing the life of the queen, drone and worker bees during their season of activity from early spring to late fall. Carling Conservation Club
- Mr. Decathlon** 1972
28 minutes, color
Mr. Decathlon is presented in this film as an ideal quarter horse. To illustrate good conformation, he is shown in comparison with other less perfect quarter horses. Some of the features discussed are bone structure, muscling, hips, jaws, shoulders, and legs. Good movement in a well-formed horse is also demonstrated by Mr. Decathlon. Recommended for anyone interested in horses. American Quarter Horse Association

- Mitosis** 1970
24 minutes, color
Illustrates the process of cell division in plant and animal life and discusses the importance of the mitotic process to the growth and maintenance of an organism. Photomicrography shows the process of cell division actually taking place. The effects of chemicals and radiation on dividing cells are demonstrated. Recommended for use in high schools. University of Illinois
- Monarch Butterfly Story**
10 minutes, color
The life cycle of the monarch butterfly is one of nature's most interesting cycles. This butterfly is the only one of its species to migrate in the winter. The four cycles — egg, larva, pupa and imago — are all carefully shown through time-lapse photography. EBF
- Money Matters** 1969
1 hour (2 reels)
The money side of farming is big business. It is important to know how to handle money to attain one's goals. Many aspects of money management, including the proper use of credit, family budgeting, life insurance and estate planning are covered in this program. CBC-OMAF
- Moonlight Sonata** 1950
10 minutes
Piano concert by Paderewski in Carnegie Hall. Official Films
- More From Less** 1972
28 minutes, color
Explains how the new practice of no-tillage farming works. It shows farmers planting seed with modern no-tillage planters. It claims that the no-tillage system lessens soil erosion and soil compaction, allows the farmer to plant new crops sooner, leaves a natural mulch on the soil, and lets the farmer farm on less expensive land. Studies show that crops under this system fare better than, or as well as, those under more traditional tilling practices. No-tillage does require an intensive weed control program and good management is essential. Allis-Chalmers
- More Money for Your Eggs** 1951
25 minutes, color
Encourages the farmer to produce quality eggs and shows him how to do it. Identifies the different grades of eggs by showing the physical characteristics of whites and yolks in each grade. Discusses quality factors related to inheritance and flock management. Shows good flock management. Equipment and methods for keeping eggs clean and unbroken and for proper cooling of eggs are shown. Purdue University
- Motor Mania** 1965
8 minutes, color
The humorous story of the miraculous and appalling changes which take place when the average individual finds himself behind the wheel of an automobile. Walt Disney
- A Mowing Lesson for Charlie** 1970
10 minutes, color
Promotes the safe use and proper care of power lawn mowers. It stresses the potential hazards of these power machines by depicting Charlie, a typical householder, as he carelessly handles his new machine. A humorous and informative teaching aid to be used in the classroom, at safety discussions and at gardening and home education seminars. University of Iowa
- Musical Ride** 1954
20 minutes, color
A film presentation of the famous Musical Ride of the Royal Canadian Mounted Police. In a display of brilliant horsemanship, scarlet-coated Mounties take their highly trained steeds through the many intricate patterns of the Ride. Every maneuver is performed in perfect unison to the accompaniment of stirring R.C.M.P. band music, against a background of bright autumn color. NFB
- Nervous System** 1953
10 minutes
All of man's movements are regulated by the nervous system. Man is the highest form of living organism because he has the most complex nervous system. Experiment and diagram illustrate how the nervous system affects all movement and reflexes in the human organism. EBF
- New Facts About Pork** 1970
25 minutes, color
Although pork is now produced from hogs specially bred for leanness and nutritive value, today's pork industry still suffers from many misconceptions. A series of interviews with well-known doctors, gastroenterologists and food experts destroys some of the old myths about pork. This film will prove informative for those in the business of raising swine, for the meat industry and the consumer. Betzer Productions, Chicago
- New Guidelines for the Well-Landscaped Home** 1970
14 minutes
Gives practical and imaginative suggestions for major or minor landscaping jobs to suit various incomes and interests. The film draws attention to the points that must be considered when planning a home: individual needs, interests and means, installation and maintenance.
This film would be useful for landscape architecture

classes and all those who are considering landscaping their homes. The American Association of Nurserymen

New Ideas in the Storage of Forage 1966
28 minutes, color

Illustrates how and when to cut forage. Gives new methods and ideas in silo storage. New Idea Farm Equipment

A New Word for Farming 1957
25 minutes, color

This film presents, in a light, enjoyable way, a picture of farming that is fascinating to city and rural residents alike. By contrasting primitive farming methods with modern techniques it focuses attention on the tremendous revolution that has taken place on the farm through mechanization, the application of scientific principles and the development of rural electricity, modern communications and good roads. Imperial Oil

No Hoof, No Horse 1972
19 minutes

The value of a horse depends largely on the soundness of his limbs. This film shows how well-shod hooves on a horse contribute to healthy limbs. It stresses the importance of regular trimming and shoeing and emphasizes the need for good horsemanship in horse owners. The film shows as well how a horse is shod. Professional farriers are shown at work and students at a school for farriers in Alberta are filmed at class and in practice. A description of a farrier's tools is also provided. Recommended for all horse owners and those involved in the care of horses. Alberta Department of Agriculture

Norman Borlaug — Revolutionary 1972
15 minutes

Norman Borlaug is a Nobel Peace Prize winner involved in a revolution against hunger. This film shows him explaining the revolution to an audience after having received the Peace Prize in 1970; it also shows him in Mexican wheat fields telling an interviewer about his work. The green revolution, as it is known to its workers, is fighting hunger with improved wheat strains and breeding research. Pesticides are shown to be an integral part of this fight, as they allow growers to achieve higher productivity levels. Recommended for general adult audiences. National Agricultural Chemicals Association

No Sacred Cows 1968
1 hour (2 reels)

A critical look at Ontario's beef-cow-calf operations and the need for supplies of stockers and feeders. Most factors including breeding, feeding, housing and management, based on actual on-farm practices supported by today's research, are reviewed. CBC-OMAF

Notes on a Triangle

5 minutes

1965

This is an animated film in which triangles dance and divide themselves in kaliedescope fashion on screen. The primary colors represented in the triangles foster a sense of color and design. The waltz music adds grace and symmetry to the playful transformations of the triangles. Young children would enjoy this film. Home Economic classes would also appreciate the lessons in creative design. NFB

On a Day Off

23 minutes

1959

A film about cooperative building in which a group of people get together to build their own houses the self-help way. The film outlines the experience of one man who acquires his own home in this way. It shows how he and his friends form a committee, obtain a selection of plans and specifications from Central Mortgage and Housing Corporation, the Federal government's housing agency, then proceed to build during the summer months, working under the guidance of an experienced carpenter. NFB

On the Spot: Doll Factory

15 minutes

1954

Lloyd Bochner finds out what little dolls are made of as he goes through the large plant of a Toronto doll manufacturer. The chief ingredient, cellulose acetate powder, goes through many transformations before it comes out as the dimpled arms and legs and cherubic faces of the little misses of make-believe. The factory has its beauty salon too, and here Lloyd sees how cheeks get a permanent blush and hair a permanent curl. NFB

One Day's Poison

30 minutes

1958

A film about the work of the Poison Control Center at the Toronto Sick Children's Hospital. Several dramatized incidents support an attending physician's contention that accidental poisoning kills more children under six years of age than all the infectious diseases combined. The film begins in a home with small children where there is the sort of parental carelessness responsible for this high incidence of accidental poisoning. NFB

One Man's Opinion

5 minutes

1953

High-pressure selling for a good cause. NFB

The Ontario Ministry of Agriculture and Food:

Short Films about Five Programs

13 minutes, color

1971

ARDA

The Agricultural Rehabilitation and Development Act has programs designed to ease the strain of adjust-

ment to changes in agriculture. The film depicts different situations in which ARDA helps the farmer to help himself.

Five for the Future

The five Ontario Colleges of Agricultural Technology are shown preparing young farmers for the business of farming. Not all graduates go out into the field — some go into laboratories, greenhouses, or commercial kitchens — so the colleges are contributing to most areas of Ontario agriculture.

Food for Thought

Shows what is being done by the Milk Commission's quality control service. From dairy farm, through the hands of milk inspectors, through computer banks, then to the farmer in the form of a report, milk products inspection benefits producer and consumer.

The Ontario Fact

Concerns OMARK — the Ontario Marketing System. Describes how OMARK serves the producer and consumer by getting food to market, checking prices and inspecting food before it is placed before the consumer.

Search, Destroy and Preserve

About the Pesticide Service, another contribution to Ontario agriculture. Shows scientists at work, field tests being made, men compiling new information, and agrologists and insect troubleshooters coming to the farmer's aid.

Ontario North — A New Day

1972

13 minutes, color

The New Liskeard College of Agricultural Technology plays an important role in northern Ontario agriculture. This film shows how the college deals with some of the special problems of agriculture in the north of the province and tells of the various courses taught and the community services provided by the college staff and students. Research laboratories, veterinary services, machine demonstrations, a greenhouse and a weather station are all shown to be active aspects of the community, as well as the college. And back on the farm, graduates of New Liskeard College use their skill and knowledge to help overcome the difficulties unique to agriculture in northern Ontario. Recommended for all audiences. OMAF

Ontario Silage Conference — 1971

(A series of five presentations filmed at the conference to give wider exposure to some of the main ideas brought to the conference, especially by participants from the United States.)

Economics of Forage and Grain

20 minutes, color

Professor C. R. Hoglund of the Department of Economics, Michigan State University, discusses the financial aspects of different types of forage and grain silage systems. He also discusses the management factor for each system. The right system, he claims, will differ for each farmer according to his budget and storage needs.

Grain Silage Systems in Colorado

22 minutes, color

M. S. Johnson of Garst and Thomas Hybrid Corn Company, Greeley, Colorado, describes some of the techniques and innovations of one of the fastest growing cattle areas in western United States. His talk compares the types of silos used in Colorado with those used in Ontario, and advocates a high-moisture corn feeding program for livestock. He stresses the importance of following any new program thoroughly, to obtain the full benefits of that program.

High Moisture Grains for Dairy

20 minutes, color

J. B. Stone of the Animal Science Department of the Ontario Agricultural College examines two different systems of preserving high moisture grains — ensiled or with organic acids. He also presents the results of a study on the feeding of high moisture ear corn. Stone advocates a high-moisture corn feed program and in this film explains why.

Silage Systems on Longo's Farm

10 minutes, color

Louis Longo, a dairy farmer from Glastonburg, Connecticut, discusses the advantages and results of all-corn silage feeding to 300 registered Holstein-Friesian cattle on his own farm. The main advantages mentioned are less labor, less acreage, less fancy equipment and easier storage. Also, corn silage can be fed to cattle of all ages. For best results, Mr. Longo stresses frequent moisture analysis, nutrition analysis and all-round good management.

Trends on Feed Preparation Systems

20 minutes, color

Walter Wood of the University of Nebraska-Lincoln examines and evaluates several new approaches to feed preparation. His talk is largely concerned with ways of adding supplementary protein to feed and the producer's choice of preparation will depend on his equipment and feeding method. Woods also discusses the advantages of a mixed ration for livestock.

Opening of Parliament

20 minutes

Traditional ceremonies at opening of Federal Parliament. NFB

1953

- Our Changing Family Life** 1957
22 minutes
This film contrasts the closely integrated farm family life of 1880 with the family life of today, which has been drastically changed by the industrial expansion, growth of cities, the emancipation of women and the loosening of family ties. McGraw-Hill
- Our Metropolis: City of Plenty** 1968
25 minutes, color
An excellent television film which touches practically all aspects of the food industry and its part in supplying Metropolitan Toronto and the surrounding area with food from both domestic and foreign food-producing areas. It covers milk products, meat products, bakery goods, fruits and vegetables. In addition to explaining the production of these foodstuffs, the film deals with the packaging, transportation and wholesale and retail marketing of foods in Toronto. Much of the film can be related not just to Toronto but to any urban area. Metropolitan Educational Television Association
- Over-Dependency** 1950
30 minutes
Mental mechanism series — psychiatric film. NFB
- Overture Nyitany** 1970
5 minutes, color
Poetically documents the development of a chick, from a tiny cell to a hatched offspring. One can see the heart give its first beat, the blood vessels coming to life, and the gradual appearance of the beak, feet, feathers and other parts of this young bird. There is no narration. A classical music score accompanies the photography. Recommended for viewers of all ages. McGraw-Hill
- Parliamentary Procedure** 1955
22 minutes
How the rules of parliamentary procedure facilitate the orderly conduct of a meeting. The film's commentator joins a meeting and in an informal manner explains the functions of the chairman, the purpose and correct manner of presenting a motion, an amendment, an amendment to an amendment, a point of order, a point of information and other rules up to and including the motion for adjournment. NFB
- The Partner** 1967
15 minutes, color
The role of the county agents in the United States Cooperative Extension Service from their inception until the present. How the agent and service aid the farmer by informing him of new technological advances, keeping him aware of marketing procedures and helping him stay abreast of new methods for increasing production and conserving the soil. The film could be tied in with the role of Canadian agricultural representatives. National Associations of County Agents
- Partners** 1956
30 minutes, color
The various types of cooperative businesses available to a farmer. The story tries to overcome the prejudices commonly held by most people when thinking about cooperatives. American Institute of Cooperatives
- Pasturelands**
30 minutes, color
Many different breeds of horses, cattle, sheep, hogs and poultry are shown in pasturelands during the summer season. The proper care of these farm animals at all times is explained, with emphasis on correct feeding both winter and summer to ensure healthy stock. Quaker Oats
- Patterns of the Wild** 1969
26 minutes, color
Demonstrates the interdependence of all life forms and stresses the need for wildlife protection. Birds and animals are presented in their natural habitat and their survival behavior patterns are traced through the course of a year.
This film is ideal for showing at wildlife or nature society meetings and is a suitable teaching aid at all levels. USDA
- People of the Potlatch** 1966
20 minutes, color
A film study of the life and work of the Indians of northern British Columbia. NFB
- Perspective Drawing** 1953
10 minutes
How to achieve the proper angles for depth, height, etc., in a drawing. Explanations are given for such terms as vanishing point, point of perspective, three-point perspective. A very good film for anyone interested in learning to draw. University of California
- Pesticides in Focus** 1971
45 minutes, color
Attempts to answer the questions, doubts, and fears that exist in some people's minds concerning pesticides. It tells of the intensive research effort and of the continuing controls and checks devoted to ensuring that pesticides can be used without hazard. This film is recommended for all audiences and interested groups. Shell
(This film is also available from the Shell Film Library, Box 400, Terminal A Toronto.)

The Photosynthesis and Respiration Cycle 1970
15 minutes, color

Emphasizes the interdependence of the plant and animal worlds and presents the complementary processes of photosynthesis and respiration as parts of one great cycle.

By means of animation, the viewer is taken inside the molecular structure of a leaf and of a muscle for a microscopic look at their functions. This film is excellent for teaching this highly complex chemical interchange. Churchill Films

Pig and the Public 1957
28 minutes, color

Mr. Charlie Patch makes a trip to the yards to sell some of his hogs. All along the way he runs into people who, in one way or another, convince him that the pig the public wants now is meat-type. American Meat Institute

A Place to Stand 1967
20 minutes, color

A film that is known to all who travelled through the Ontario Pavilion at Expo '67. It deals with the people of Ontario and their part in building the province. It shows the great industrial development from airplane building to boat building, from the steel industry to the lumbering industry. A glimpse is given of the various sports participated in throughout the province, from skiing to swimming. All areas and aspects of Ontario are covered. Ontario Department of Economics and Development

Plant Growth 1953
10 minutes

Growth of the plant beginning with the germination of the seed. Growth is shown through time-lapse photography. Each cycle is carefully shown and described. EBF

Planting and Transplanting 1970
20 minutes, color

Describes planting and transplanting techniques for plants of all sizes. Filmed in the Brooklyn Botanical Gardens, the film discusses soil preparation, weather conditions for the delicate transplanting operation, and posttransplant care. "Planting and Transplanting" is an excellent guide for the gardener. The University of Columbia Press

Play It Safe 1969
15 minutes, color

A basic documentary about everyday electrical appliances and the ways they are used and misused. Carelessness, negligence and a lack of knowledge about the way appliances work can and do cause dangerous accidents involving electricity. The film shows that simple acts like pulling out a plug by the wire, using

a transistor radio near the bathtub or putting an aluminum ladder near telephone cables or other wires can be potentially dangerous acts that may cause short-circuiting or shocks. Suitable for showing to groups of adults or children. Ontario Hydro

Point Pelee — Nature Sanctuary 1952
11 minutes, color

Point Pelee National Park, southernmost tip of the Canadian mainland in Ontario, provides a happy hunting ground for the ornithologist, entomologist, botanist and photographer. This 7-mile strip of forest-covered land projecting into Lake Erie serves as a main way station for migrating birds. The film shows many different species of birds found in this protected area, as well as butterflies and other insects and examples of wild flowers and shrubs. NFB

Poisons, Pests and People 1960
1 hour (2 films)

Experts examine the effects of widespread use of chemical insecticides both on the insect population and on warm-blooded creatures, including human beings. Part 1 examines the ravages of insects and man's centuries-old struggle to keep them under control. Part 2 shows experiments being conducted to find means of controlling specific insects, leaving harmless ones unmolested. All aspects of the problem are discussed by entomologists, agriculturists and manufacturers of chemicals. NFB

Pole Barns and Milking Parlors 1956
14 minutes

Labor-saving and economical of construction, the pole barn and milking parlor unit brings the push-button age one step nearer for the dairy farmer. The film discusses the advantages of this type of loose-housing barn and provides a detailed demonstration of its construction. The adjoining milking room with its raised milking stalls and swinging gates provides advantages in handling both milk cows and equipment. A new development in automatic milking equipment is shown in operation. NFB

Ponds for Profit 1969
9 minutes, color

The problem of adequate water supplies for cities and rural areas alike has become a major concern of all levels of government. Drinking, cooking, bathing, swimming, boating, fishing, spraying crops, irrigating and washing animals all require water. Farm ponds can be the answer to a supply of water for the farm. This is a nontechnical film dealing with the uses and advantages of such ponds. The film describes the three types of ponds — dugout, dam and by-pass — and shows how each type can be constructed to meet the needs of any farm. A pond provides not only needed

water, but provides opportunities for recreation and improves the appearance of the farm. OMAF

The Pony 1955
30 minutes

A 2,000 acre mechanized wheat farm seemed to be no place for a pony. The story of how the two children of a Saskatchewan farmer had their dreams realized is told here. NFB

Potash Deficiency in Apple Trees
5 minutes, silent

Scenes from the Vineland Experimental Station on how to detect deficiency symptoms in apple trees. There are also some colorful shots of the Niagara Peninsula, especially near Niagara Falls. American Potash Institute

Potassium for Agriculture 1967
25 minutes, color

How potassium is mined and refined, how it is used as a fertilizer, its functions as a plant nutrient, its effects on yield and quality of crops, what potash is, and also where it is produced in the United States and Canada. The film stressed to the farmer the need for efficient use of potassium. American Potash Institute

Potatoes from Planting to Harvesting 1956
18 minutes, color

The story of successful commercial potato production in four parts: 1. Soil preparation and rotational practices; 2. Choice and treatment of seed; 3. Planting, cultivating and spraying program; 4. Harvesting. OAC

Poultry 1961
10 minutes

The billion-dollar poultry industry in the United States has been built up through the use of scientific breeding, strict sanitation and careful feeding and brooding of the chicks. Egg-storage practices, poultry transportation and egg packaging are shown. Extension Service, USDA

The Precambrian Shield 1968
26 minutes

The northern area explored by the film is often called the treasure trove of Canada because of the rich mineral deposits still being discovered in the ancient rock. We see many of the communities that have sprung up around the site of mines and how, with time, these pioneer settlements have achieved the stability and comfort of the older towns and cities to the south. NFB

Prescription for Safety 1965
20 minutes, color

This film describes in detail the methods to be used when handling agricultural pesticides. By following the

directions on the labels of these pesticides the farmer will be ensured of complete protection at all times. California Chemical

Principles of Gas-filled Tubes 1953
15 minutes

The molecular movement in a gas-filled tube. The principles of positive and negative charges are clearly explained. U.S. Office of Education

Problems of Soil Conservation 1969
14 minutes

This film explains the importance of soil resources to an expanding modern society. It portrays some of the ways in which man abuses soil resources and demonstrates methods of reclaiming soil and maintaining its quality. The film emphasizes that care of the soil is especially important today as demands on soil resources are increasing along with our growing population. Recommended for classroom use and for showing to interested community groups. EFB

The Production of Clean Milk 1954
8 minutes, color

The correct procedure to follow before, during and after milking to get the cleanest possible milk. The correct handling and cleaning of milking utensils are also shown, with special emphasis on the unit used for the cooling of the milk. OAC

Pruning Practices at the Brooklyn Botanic Gardens 1968
22 minutes, color

Gardeners at the Brooklyn Botanic Gardens demonstrate the proper methods of pruning different varieties of trees and shrubs. A well-bloomed garden is a well-pruned garden — the motto for good pruning. Columbia University — Center for Mass Communications

Public Gardens of Vienna 1965
55 minutes, color

To the accompaniment of Viennese music, three students of horticulture make a tour of Vienna's public gardens and buildings. Despite two world wars, Vienna has maintained the beauty of her architecture. Although, in rebuilding parts of the city space was provided for beautiful parks and flowers to delight the eye. Ontario Landscape Contractors Association

Quality — It's Our Business 1969
17 minutes, color

Milk production requires some of the most rigid quality-control measures in the food business. Because the product is meant for direct consumption, and because it is extremely perishable, every link in the chain of quality control must be scrutinized: the cow, the milk house, the means of transportation, the dairy, the supermarket. The film also demonstrates the testing procedures used to measure the quality of the milk. A film of particular interest to dairy farmers. OMMB

- Quality Control** 1951
10 minutes
Industry controls the quality of its product by keeping a check on the variable factors in manufacturing — men, machines, materials, manufacturing conditions, etc. This film describes factors in setting quality standards and the effect of higher and lower quality standards on manufacturing cost and selling price. McGraw-Hill
- Radiation** 1959
27 minutes, color
A factual study of radiation for general audiences. From a sun-drenched bathing beach to an awesome gamma garden, this film explores how heat, radio waves, X-rays and gamma rays affect various forms of life. The film travels to the X-ray and radiological departments of a modern hospital, to Canada's atomic research center at Chalk River and to the strange, forbidden garden of the Brookhaven National Laboratory in the United States, where plant growth is repeatedly subjected to gamma rays. The film explains the differences of the various forms of radiation. NFB
- Raise More for Less** 1971
23 minutes, color
"When you plant seed, don't gamble" is the basic message. Viewers are taken behind the scenes in the development and production of Pedigreed Seed. Film sequences trace the history of certified seed in Canada, explain the importance of genetics in agricultural technology, and show how certified seed is developed through testing and experimenting. Of interest to growers of cereal and forage crops throughout the province. Available in French or English. Canadian Seed Growers' Association
- Raising Hogs the Market Wants** 1956
16 minutes, color
A film set at the Central Experimental farm at Ottawa that shows improved hog breeding methods designed to yield better returns to hog producers. Two specialists from the experimental farm explain to narrator Julian Biggs the special feeding and management programs developed at the farm. These programs ensure production of the lean bacon-type quality hogs which bring top prices from meat packers and produce the pork products the public will buy. NFB
- Rape of the Earth** 1948
20 minutes
A splendid film on soil erosion which presents views from all over the earth depicting the drastic effects on agricultural lands of this calamitous waste. British Information Service
- Read the Label and Live** 1969
10 minutes, color
There is an old saying that what you don't know can't hurt you. But it may also be said that what you don't read may kill you. Every label, even those on everyday products, should be read carefully to avoid danger or injury from possible misuse of a product. This is the point made in this film with forceful examples. Medications for colds sometimes cause drowsiness, so that driving right after taking them may mean a fatal accident. Many drugs are poisonous to children. Paints, glues, fuel starter fluids are inflammable and can also give off poisonous fumes. This film discusses many potentially dangerous consumer goods and gives valuable advice on how to avoid hazards when using them. Educational Film Distributors
- Realm of the Honeybee** 1932
40 minutes, silent (4 reels)
How bees establish their colony and gather and store the honey and how they live together according to strict community regulations. Many other intriguing aspects of their life are shown. OAC
- Red 14** 1956
25 minutes, color
At the beginning of this film a ruffed grouse that has been trapped is marked with a red band with the number 14 on it. As the film progresses, conservation authorities show different methods of determining the habits and number of wild animals and birds. Red 14 is seen here and there throughout the picture when it is caught in traps set by the authorities to help them determine how ruffed grouse travel. A good conservation picture. Wisconsin Conservation Authority
- Red-Banded Leaf Roller** 1959
15 minutes, color, silent
A description of the red-banded leaf roller and the damage it does. The insect is followed through its life cycle. The periods when it is most susceptible to spraying are given. New York State College of Agriculture
- Red Letter Day** 1955
10 minutes
July 21, 1954 was a red letter day for Ontario fruit and vegetable producers, dealers and consumers with the opening of the Ontario Food Terminal. This film commemorates the opening ceremonies and takes a trip through the facilities of the terminal. OAC
- Reining** 1972
20 minutes, color
This film shows several entries in a reining competition. While the entrants go through their routines, a narrator discusses aspects of their performances: changing of leads from left to right and right to left, backing and stopping, roll-backs, half-circle pivots, and circling. Will appeal to professional and amateur horse trainers and others involved in horse competitions. American Quarter Horse Association

- Reproduction among Mammals** 1953
11 minutes
A film study of the reproduction process common to man and to most other mammalian species based on a portrayal of the domestic pig. Dynamic phenomena and developmental steps are clarified by animated drawings and microscopic stop-motion photography. EBF
- Revolution on the Land** 1958
30 minutes
Canadian farm people are talking about vertical integration, that is, contract farming. This film shows how the system works, how the farmer is provided with credit assistance, how he sometimes has to accept management advice, how the contract arrangement provides him with a guaranteed market and an agreed price for his produce. Any company which buys up or controls its sources of raw materials in order to ensure a stable supply is practising vertical integration. The questions raised are: What are the advantages and disadvantages of vertical intergration? Is integration a threat to the farmer's independence? Will vertical integration help or hinder agriculture? NFB
- Riddle of Photosynthesis** 1967
15 minutes, color
A film about photosynthesis — the process by which plants use sunlight, water, materials and carbon dioxide from the air to release oxygen and to form foods such as sugars, starches, fats and proteins. The film uses animation and a series of fascinating experimental activities to explain this process and to point out that a better understanding of the process may lead to the production of foods by chemical methods. A study guide accompanies the film. Recommended for high school and university classes in biology and chemistry. Handel Films
- The Rime of the Ancient Mariner** 1965
25 minutes
The poem by Samuel Taylor Coleridge is dramatically narrated against a background of drawings. After the mariner shoots the albatross following the ship, a curse falls on the ship and himself. Not even when the rest of the crew dies in an encounter with a strange ship is his curse lifted. Not until he spends seven days alone on the windless sea with the eyes of the dead crew upon him and at last finds himself able to bless living things again, is his penance done. He is blown home again and saved by a holy hermit when his ship sinks. The ancient mariner goes through the rest of his life telling people his unusual tale. Mariner Productions
- The Rise and Fall of the Great Lakes** 1969
16 minutes
The Great Lakes have been molded by nature and by man. This film shows how they were first formed by glaciation and how they've been more recently changed by modern civilization. These changes are illustrated by the journey of a Great Lakes canoeist who travels through Ice Age, flood and present day pollution. The film, which shows how man is contributing to the fall of the Great Lakes, is narrated largely by folksongs. Recommended for all audiences. NFB
- Rising Tide** 1951
30 minutes
How the growth of cooperatives in the Maritime Provinces brought new life and hope to poverty-stricken fishermen. NFB
- The Romance of Transportation in Canada** 1954
11 minutes, color
Amusing animation shows development of transportation in Canada. NFB
- Room for Discussion** 1953
20 minutes
An examination of the nature and function of discussions. EBF
- Roots of Plants** 1954
10 minutes, color
Two general types of root systems are seen in this film — tap and fibrous. The major functions of roots, root growth and osmosis are explained. Time-lapse photography shows the growth of roots and root hairs. The development of adventitious roots from branches is seen, again with the assistance of time-lapse photography. EBF
- Run for the Money** 1969
20 minutes, color
Every extra bushel of soybeans saved at harvest time is clear profit. The average farmer can gain \$15 per hour by using improved harvesting techniques. This film is designed to show the farmer where harvest losses occur and how to prevent them. The maintenance of a harvesting machine is compared to the maintenance of a racing car. Top performance in both relies on wise machine adjustments and skilled operating practices. Just as the racing driver collects his first place prize money, so does the farmer collect profit from a good crop. Ohio State University
- Safe in Your Own Back Yard** 1965
14 minutes, color
In promoting the safe use of garden chemicals, this public service film presents precautionary measures in story form. A young gardener learns about good gardening, the rules of which naturally entail taking protective measures when using herbicides, fungicides, and insecticides. With their assistance he creates, without harm to himself or his family, an attractive and

functional home recreation area — including a putting green. California Chemical

Safe Use of Pesticides 1964
21 minutes, color

A film that tells farmers how to keep out of trouble in their use of pesticides, by following the label, and so avoiding seizure of crops due to residues of insecticides, fungicides and other chemicals used on farms for pest control. The film's message is of indirect interest to consumers. USDA

Safest Township Anywhere 1961
27 minutes, color

This film details the hazards of farm life and the accidents that happen to a typical farm family. In conjunction with the townspeople, the family ferret out the potential dangers in their community and make it the safest township anywhere. General Motors

Safety Everywhere — All the Time 1961
24 minutes, color

The compulsory safety program of a factory, with the resultant low incidence of accidents. Traffic and home hazards are graphically presented as the camera follows one of the factory workers home. Water-skiing accidents and a hospital follow-up result in a family discussion on the need for more careful living. Allis-Chalmers

Safety in the Kitchen 1967
14 minutes, color

Major areas covered in this film include: proper dress; use of knives; food storage and handling; use of matches; gas and electric ranges; handling cooking utensils and hot objects; deep fat frying; handling fire and escaping gas; utensil storage; proper use of electrical appliances; handling glassware; and kitchen cleanliness. Gordon Henderson

Safety With Fire 1969
11 minutes, color

Deals with the safe use of fire, fire prevention practices, basics in fire control, and treatment of simple burns. The film demonstrates precautionary fire measures around the home and on camping trips. A home fire drill effectively reviews the fire safety knowledge necessary for family members to protect themselves. Intended for primary and intermediate health and safety classes but is an excellent fire safety review for adults. Coronet Films

St. Lawrence Seaway 1959
30 minutes, color

An informative look at the heartland of North America — its industrial growth and how it will be better served by the St. Lawrence Seaway. The film recalls the history of the earlier canal systems and

shows the obstacles that had to be overcome in constructing this new water stairway. Another milestone in man's conquest of nature the St. Lawrence Seaway holds promise of a new industrial empire of significance to both Canada and the United States. NFB

Salmon's Struggle for Survival 1957
27 minutes, color

How a dilemma facing fisheries authorities of Canada's west coast is being met and overcome: the need, on the one hand, to use the swift-flowing waters of the Fraser and other British Columbia rivers for industrial and public uses and, on the other, to keep them uncontaminated and unobstructed so as not to impede the Pacific salmon in their annual upstream migration to fresh water spawning grounds. Of concern too is the conservation of young fry in their downstream run to the sea. The film illustrates how various technological innovations have been developed to assist the salmon in their struggle for survival. NFB

School Bus Safety — With Strings Attached 1966
28 minutes

A half-hour talk on school bus safety. Play-acting, pantomime, audience participation and folk singing all tell youngsters in a memorable way how to board, get off and behave on a school bus to insure safety. An excellent film for showing at assemblies, as preparation for field trips and for school bus driver training programs. U.S. National Safety Council

School for the Stage 1957
30 minutes

An apt introduction for Canadians to the world-renowned Royal Academy of Dramatic Art in London through the experience of Margaret Bracken of Victoria, British Columbia, who seeks training at the famous school. There are many behind-the-scenes glimpses of the exacting professional training which produces the school's high standard of perfection on the stage. NFB

School Safety Committee 1965
13 minutes

The story of a boy entering a new school. He commits several safety violations, and is warned by several students wearing arm bands. Puzzled, he discovers that his new school has a safety committee of fellow pupils who patrol the danger spots. Meetings are conducted by democratic principles. The new boy develops an ambition to become a member of the committee, and eventually leaves school with a safety consciousness that will last all his life. IEF

Science of the Sea 1959
19 minutes, color

How the bottom of the sea is studied, how the continental shelves, continental slopes and the deep sea

basins are mapped, and how the thickness of the sediment is measured and samples brought up for laboratory study. In conclusion, the film raises a number of questions still to be answered by oceanography, which is the study of the ocean in all its aspects — physical, geological, meteorological, chemical and biological. IFB

The Sea 1960
10 minutes

Underwater scenes showing animal life on the bottom of the ocean. Pictorial Films

The Sea Urchin 1960
20 minutes (2 reels)

This film is taken in the British Isles where sea urchins may be found along the shoreline hidden among rocks and sea plants. Their external characteristics, feeding habits and methods of reproduction are explained through close-up photography. Gaumont British Instructional Films

Search, Destroy and Preserve 1971
4 minutes, color

About the Pesticide Service, another contribution to Ontario agriculture. Shows scientists at work, field tests being made, men compiling new information, and agrologists and insect troubleshooters coming to the farmer's aid. OMAF

The Seasons 1954
20 minutes, color

Music and color photography depict the seasons. NFB

A Second Chance 1970
11 minutes, color

Depicts what happens when the father of a farm family catches his leg in a power take-off. His 5-month hospital stay means hard work for the rest of the family but the father returns home to new crops, a new baby and a second chance to be a safety-conscious and productive farmer. For general farm and rural groups. OMAF

Second Hungarian Rhapsody 1950
10 minutes

Paderewski in Carnegie Hall. Official Films

Seeds of Destruction 1954
10 minutes, color

In this excellent film authentic scenes show what happens when any one of the links in the chain of life is broken. Unscientific lumbering processes, devastating forest fires, uncontrolled wind and water erosion, overworked land and roaring floods are shown as the implements which can destroy our world unless man acts in time. EBF

Seifriz on Protoplasm 1954
26 minutes

The late William Seifriz, Professor of Botany at the University of Pennsylvania, sets out to collect specimens of slime mold in the open woods. Then in his laboratory he proceeds to show various tests to which he has subjected these shapeless protoplasts, through cine-photomicrographic records, over a period of 20 years. E.F. Library

Setting Fires for Science 1958
20 minutes, color

The scientific study made of fires set to doomed buildings in Aultsville, Ontario, a town evacuated for flooding by the St. Lawrence Seaway. Scientists of Canada's National Research Council devised instruments for recording the progress of a fire in all its stages. With them they probed into the terrible inferno of burning buildings, making observations that may help the country's fire fighters to lessen the tragic toll of life and property annually. NFB

The Settler 1953
17 minutes

The development of the Abitibi region of northern Quebec by the settlers who came from the St. Lawrence lowlands during the depression of the 1930's. The hardships they endured to carve homesteads out of the wilderness are recounted in this film. The result of this labor is shown in another picture taken 20 years later in the village of St. Pierre, surrounded by agricultural lands. NFB

Shakespeare's Globe Theatre 1955
20 minutes

The Globe Theatre, subject of controversy among scholars, is reconstructed in one of the possible ways to help students to better understand and appreciate Shakespeare's plays. The seven acting levels are shown and their various purposes explained. The last scenes of Macbeth are used to demonstrate the flexibility of the stage and Shakespeare's facility in indicating the logical sequence of events by the movements from one stage to another, as well as by dialogue. University of California

Shyness 1953
23 minutes

How shyness in children is dealt with by a grade school teacher. NFB

Signs of Life 1963
11 minutes, color

Safe driving techniques and standard driving practices. Progressive Films, Oakland, California

Silage Systems on Longo's Farm 1972
10 minutes, color

Louis Longo, a dairy farmer from Glastonburg, Connecticut, discusses the advantages and results of all-corn silage feeding to 300 registered Holstein-Friesian cattle on his own farm. The main advantages mentioned are less labor, less acreage, less fancy equipment, and easier storage. Also, corn silage can be fed to cattle of all ages. For best results, Mr. Longo stresses frequent moisture analysis, nutrition analysis and all-round good management. Filmed at the 1971 Ontario Silage Conference and recommended for use by extension workers. OMAF

Snow and Wind Problems around Farm Buildings 1963
14 minutes

This film was produced at the Ontario Agricultural College by the Engineering Science Department on the problems of and possible solutions to snow and drafts in open front buildings around barns, silos and barnyard fences. The experimental equipment is used with scale models to demonstrate snow dropout and draft patterns. Narrated by Professor F. H. Theakston. OAC

Snowmobile Safety 1969
15 minutes, color

A humorous film which shows the hazards of careless snowmobiling through the antics of a rash fellow, 'Cowboy'. The film demonstrates safety practices on the trail and emphasizes the importance of riding with a companion. It advocates clubhouses for snowmobilers, and reviews advantages of making snowmobiling an organized sport. New York State Rural Safety Council.

Social Class in America 1957
16 minutes

Factors that determine social class acting upon the lives of three boys from birth to maturity. The three represent three different classes — lower, middle and upper. McGraw-Hill

The Sound of Sound 1970
15 minutes, color

When asked to define sound, most people say noise. The film shows how sound affects our daily lives. It also shows that hearing loss creeps up unnoticed — like a sunburn — but soundburns are permanent. Noise does not have to be painful, just loud.

"Sound of Sound" stresses that noise-induced hearing loss can be prevented. It is recommended for all those who work in a noisy environment. American Optical Corporation.

Speech: Conducting a Meeting 1955
11 minutes

Demonstrates and explains the basic parliamentary procedure which contributes to an efficient and successful meeting. A Centron Production

Spruce Bog 1956
23 minutes, color

A description of the conditions under which a spruce bog is formed, with details of the plant types found at successive stages of development from open water to mature spruce forests. Time-lapse photography illustrates the growth and decay of vegetation preceding the appearance of sphagnum moss which chokes off water to make the floor of the forest. The film discusses the commercial uses of peat extracted from such bogs, and the value of black spruce to Canada's pulp industry. NFB

Square Dance Medley 1950
10 minutes

A lively film which includes the following square dances: Lady around the Lady; Duck for the Oyster, Dig for the Clam; and Hinky Dinky Parlez Vous. Official Films

Step in the Right Direction 1966
14 minutes, color

This film outlines the hazards created by careless pedestrians on city streets. It is especially valuable for drivers not used to city driving. Ontario Department of Transport

Stomach Worms in Sheep 1950
20 minutes

Control of the cosmopolitan and serious stomach worm of sheep is accurately and clearly depicted in this picture. The ill health caused by these worms is vividly illustrated. The life history is presented macroscopically and microscopically in ample detail and with unusually fine photography. British Ministry of Information

Store Front Farmers 1972
13 minutes, color

Of interest to farmers who wish to improve, or open, a roadside market. It guides the farmer in deciding what type of market he wants. Questions about size, setting, parking, and loading areas are all given consideration. The film stresses the importance of getting motorists' attention, of cleanliness, lighting and attractive display areas. First impressions count, the film maintains. For farmers or fruit and vegetable growers who have not considered the advantages of a roadside market, this film may serve as an introduction. OMAF

Story of Anyburg, USA 1965
8 minutes, color

Citizens of a mythical village place the automobile on trial, but the defense attorney convinces the jury that the people themselves are the cause of the traffic accidents. Walt Disney

- Story of Meat in Canada** 1962
26 minutes, color
This film traces all aspects of the movement and processing of livestock and meat. Opens with scenes of the western range lands, then moves on to commercial feeding of cattle, lambs and hogs. The scene then shifts to the meat packing plant where skilled hands prepare the various wholesale cuts. Throughout the processing, inspectors of the Department of Agriculture examine the meat for cleanliness and wholesomeness, and their final stamp of approval assures that high health standards have been maintained. Swift Canadian
- Street to the World** 1958
14 minutes
A poetic study, in images and sounds, of the Montreal dock area and of a boy who escapes the drabness of his own backyard to while away fanciful hours at the great piers. There is the spell of faraway places in his wistful quest as he explores the romantic activity of the wharves and watches ships in endless procession pass up and down the broad water highway of the St. Lawrence. NFB
- Stress** 1956
11 minutes
In man's perpetual fight against illness a new avenue of investigation has been opened through the recent discovery of a revolutionary theory. Dr. Hans Selye, lecturing at the University of Montreal, explains his discoveries about stress, the general strain on the body conditioned by, but different from, disease, injury or mental pressure. The film shows the hormone experiments which led Dr. Selye to his discovery, his present research into tension and the progress being made in helping nature to combat disease. NFB
- Study of Spring Wild Flowers** 1953
20 minutes, color, silent
A very beautiful film showing 20 varieties of spring flowers common to the Canadian woodlands. A vivid picture of plants growing in their natural surroundings, so it is easy to recognize them. Crawley Films
- Suburban Living — Six Solutions** 1960
1 hour (2 reels)
A comparison of solutions to the problems of suburban living as found in some of the world's largest cities — London, Marseilles, Rotterdam, Stockholm and Toronto. There is housing to delight and amaze. There are light, airy homes in park-like settings at rentals of about one-sixth of income. Marseilles' famous community on stilts is shown with stores, homes and playgrounds all within one vertical neighborhood. NFB
- Summer Pageantry** 1966
8 minutes, color
A tour of Ottawa during the summer months — along scenic drives and waterways, past historic stone buildings and modern edifices, to many points of interest in and around the city. Also seen are the traditional ceremonies of the Changing of the Guard, and the Royal Canadian Mounted Police playing their sunset Retreat. EBF
- Surface Silos** 1953
10 minutes, color
Various types of surface silos for winter storage of forage crops, their advantages over the traditional type of tower silo, and how they are constructed. The types of silos illustrated are the sidehill stack, the sidehill trench and the horizontal, parallel board fence. Simplest procedures for filling each type are shown, and methods of removing silage in winter. NFB
- Survival Swimming** 1967
14 minutes
Advance preparation is a help in avoiding accidents and provides a basis for a course of action. This film concentrates on choosing the right course to follow, and practicing skills needed for survival swimming. Floating, using side and breast stroke and treading water are included as methods for staying afloat (even though one may be injured), for moving in the water and for conserving energy. Cases where it may be necessary to swim underwater and when and how to dive and jump are illustrated. Techniques demonstrated include using a tow line or rope ladder, getting into and out of the water and using clothing for support. IFB
- Taste of Honey** 1972
6 minutes
This new educational film presents the honey bee as an approachable and beneficial insect. Backed by a catchy rhyming narration, the film tells the story of honey with the beekeeper and the little creatures themselves in the starring roles. Film scenes show the beekeeper checking the beehive and collecting honey from it. The roles of the Queenbee, drones, and workers are discussed as well. Viewers will see how the honey is removed from the hive; and later, inside the 'honey house' removed from the combs, tested and packaged for consumer use. Recommended for grade school children of all ages. OMAF
- Ten Long Minutes** 1965
10 minutes, color
Safety everywhere all the time is the theme graphically illustrated. Fred Cook sends his wife and children to their country cottage for the weekend. After a few hours he is asked to call police near the cottage. While waiting 10 minutes to get in touch with them, various thoughts run through his mind as to what might have gone wrong — poor tires on the car which had needed

replacing, a broken trapdoor over the well at the cottage, badly stacked logs which may have fallen on one of the children. What turns out to be a false alarm is really a warning that all these jobs must be attended to. U.S. National Safety Council

Teeth Are to Keep 1950
11 minutes, color

An animated film showing four essentials of tooth care. NFB

Terrible Twos and Trusting Threes 1951
20 minutes, color
Behavior study of children. NFB

The Test 1961
29 minutes, color

A dramatic portrayal of the confusion that may result when parents fail to work with the teacher toward the ultimate goal of education — preparing a child for life. NFB

They Grow Up So Fast 1956
25 minutes, color
Physical education in schools. Dallas Jone Productions

Thirtieth Annual College Royal 1954
8 minutes

Each year the students of the Ontario Agricultural College, Ontario Veterinary College and Macdonald Institute display their many talents by competing in numerous events. College Royal begins with a dance at which a Queen is chosen. After five days of competition the events come to a close with Variety Night, where the winners are rewarded and theatrical entertainment is the highlight of the evening. OAC

This Bus Is Special 1964
15 minutes, color

A film made in Ontario to show good school bus control by the operator and school patrol boys. Demonstrates correct loading, unloading, road crossing and discipline in transit. Ontario Safety League

This Is Our Land 1953
26 minutes

Explains how the elements have been eroding the farmers' valuable topsoil over widespread areas. Shows the numerous ways that farmers — by using tractors as important allies in the fight against erosion — can save their land, and at the same time achieve better crops, bigger yields and more profits. McColl-Fontenac

This Vital Earth 1953
10 minutes, color

The relation of life to its environment is shown

through the balance of plants and animals. Plant and animal interrelationships are essential to survival. The need for balanced soil is demonstrated. EBF

Three to Get Ready 1956
20 minutes, color

Stresses the value of meat in the diet, especially as a body builder for young bodies. The film mentions various by-products obtained from animals and shows meat products being processed in the plant. American Meat Institute

The Threshold 1959
23 minutes

A sensitive portrayal of the adjustments faced by every immigrant family upon first contact with the Canadian educational system. Designed to help new Canadians to a fuller understanding of unfamiliar Canadian ways surrounding the education of children, this film endeavors to anticipate for them some of the problems they are likely to meet. It also suggests the role that Home and School Associations can play in helping them through a period of adjustment. NFB

Tiny Terrors 1960
10 minutes

What scientists are doing to combat a persistent nuisance — the biting fly. NFB

Today and Tomorrow 1950
5 minutes

A trip through the Museum of Science and Industry in Chicago. Atlas Educational Film

To Stay or Move 1969
25 minutes (revised edition)

Agriculture is a changing industry. The gradual disappearance of the family farm and the emergence of large corporate farm operations necessitate major adjustments for those people engaged in this primary industry. The Agricultural Rehabilitation and Development Act, ARDA, was passed by the Ontario Government to assist these people through a program of continuing education. Drawing on the resources of seven provincial departments, this action program assists individuals, communities and regions in meeting the challenge of changing times in rural Ontario. Of interest to rural populations, as well as to service clubs and other urban groups. OMAF

Tractor Sense 1959
10 minutes

Commentary on a series of farm tractor accidents by the local policeman. The film backtracks from the statistical files to the events leading up to the actual accidents. Tractor Sense is filmed very realistically and points out some of the reasons behind the obvious causes of accidents. Produced in England

- Transplanting a Hen's Ova** 1953
10 minutes, color
Close-up photography of an actual operation performed to transplant a hen's ova. CDA
- Trees, Our Plant Giants** 1967
15 minutes
A film discussion of the growth of trees, various types of trees and the many uses of trees. How to tell the age of a tree, using animated diagrams to show how a tree grows and to show the various layers in a cross section of a tree. IEF
- Trends in Feed Preparation Systems** 1972
20 minutes, color
Dr. Walter Woods of the University of Nebraska-Lincoln examines and evaluates several new approaches to feed preparation. His talk is largely concerned with ways of adding supplementary protein to feed and the producer's choice of preparation will depend on his equipment and feeding method. Dr. Woods also discussed the advantages of a mixed ration for livestock. Filmed at the 1971 Ontario Silage Conference and recommended for use by extension workers. OMAF
- The Tribune of Nova Scotia — Joseph Howe** 1961
32 minutes
A drama played by a talented cast. Against backgrounds recalling the Halifax of the 1830's, this film goes back to the uncertain birth of liberties which are now assured to all. Focus of the struggle is the Nova Scotia Tribune's editor, Joseph Howe. NFB
- Turkey Goes to Pieces** 1953
10 minutes, color
How a large turkey may be cut into economical pieces. Every part of the turkey is considered, such as the baby drumstick, the oyster, the large thigh, the back strip, the rib back or family fries, the neck, the heart, the liver, the giblets, the breast and the soup or stew bones. When buying turkey in pieces, the cost per serving makes turkey a quality meat which can be purchased for economical year-round eating. Cornell University
- Universe** 1960
28 minutes
A vast, awe-inspiring picture of the universe as it would appear to the voyager through space. Naturalistic animation goes beyond the solar system, into far regions of the sky perceived by the modern astronomer. Beyond the reach of the strongest telescope, past moon, sun, Milky Way, into galaxies yet unfathomed, on into the staggering depths of the night. NFB
- Unlimited Horizons** 1968
30 minutes, color
- The ideas of prominent Canadians in several fields are used to explain the relationship between agriculture and business. A film aimed at high school students to encourage them to obtain a good education in preparation for business life in Canada today. Wawanesa Mutual
- Unrestrained Flying Objects** 1968
15 minutes, color
The results of a car accident when the occupants do not use safety belts. Through the use of dummies and simulated accident situations, engineers research the safe manner in which to employ both lap and shoulder harnesses. This film is a must for anyone who uses a moving vehicle, especially those who feel safety belts are worthless accessories and never use them. General Motors Safety Research
- Upper Canada Village** 1964
24 minutes, color
An early chapter in Canadian history is recreated with authentic detail at Upper Canada Village at Morrisburg, on the St. Lawrence River. This period-costumed film brings alive the pioneer days of 100 years ago. Upper Canada Village was built to make Canadians of all ages, especially students in our schools, realize the fascination to be found in a journey into history. Moreland-Latchford Productions
- Visualizing Your Subject** 1960
20 minutes
A demonstration of the important elements in television programming. The methods of obtaining the viewer's attention and interest are demonstrated. The need for viewer identification, viewer participation and lack of distractions from the subject are stressed. National Project in Agricultural Communications
- Visuals Economy Size** 1969
20 minutes
Mr. William Suchman of the TV-Radio Workshop of the Ford Foundation demonstrates numerous economical means of using visual aids to obtain viewer interest on television. He suggest using readily available material as props. A less expensive method of animation is illustrated for those working on a limited budget. National Project in Agricultural Communications and University of Missouri
- Voice of the People — Lord Elgin** 1961
30 minutes
Canada at the crossroads of political growth. A stirring drama from the pages of history, when one man stood alone in defense of Canadian independence. NFB
- Water** 1961
15 minutes, color

A colorfully animated warning of the water shortage that may threaten the earth if people and nations do not do more to protect this most precious natural resource. Columbia University Press

Water in the Weather

15 minutes

The different weather cycles. How moisture plays an important part in the weather. IEF

Water Movement in the Soil

1966

27 minutes, color

How water moves into and through the soil under conditions where the soil is not saturated, as shown by time-lapse photography. Tells how strata such as hardpans of coarse sand layers slow down the advance of a wetting front and how saturated and unsaturated flows differ. Wisconsin State University

Water on Tap

1960

15 minutes, color

The installation of a water system, and the many resulting conveniences. Crawley Films

The Weather

1969

10 minutes, color

Explains weather and the equipment used to record it. Using mobile diagrams and polarized light, it discusses sonar radiation, rainfall, atmospheric pressure, air circulation and the formation of storms. "The Weather" is recommended for all those interested in how the weather report is arrived at. Encyclopedia Britannica

Weather or Not

1955

20 minutes, color

This film shows the experiences of one farmer in irrigating pasture for dairy farming and the results obtained. The purpose of this film is to promote good management practices in irrigation farming. National Fertilizer Association

Weather Theory: Atmospheric Waves

1940

20 minutes

The story of atmospheric waves told through actual photography and animation. U.S. Signal Corps — Chief Air Corps

Weather Theory: Primary Circulation

1953

20 minutes

Animation and photographic techniques combine to explain the theory of primary circulation on weather. U.S. Signal Corps — Chief Air Corps

Weed Sprayer Calibration

1970

15 minutes, color

The viewer learns how to check and adjust herbicide sprayers, how to measure the number of acres a full tank will spray, and how many gallons of herbicide

are needed per acre. This film will be useful to all field-crop farmers and agriculturalists who realize that proper calibration prevents failure in weed control. South Dakota State University

Weight Reduction through Diet

1954

20 minutes, color

Weight reduction study at Michigan State University. Michigan State College — National Dairy Council

West Wind

1944

20 minutes, color

Tom Thomson's sketches and Algonquin Park landscape. NFB

What Farm Price Support Means to You

1961

8 minutes

A film designed to answer the most frequent questions asked by the farmers and consumers about government support for farm prices. NFB

What's Behind the Tag

1961

14 minutes

This film shows various seed varieties being produced by the seed growers, and the inspecting and testing of the seeds before they are tagged. NFB

Wheat Country

1959

20 minutes, color

Laborsaving machines now plow, sow, reap and mow in place of horses on the wheat farms of the Canadian West. Nevertheless, the farmers still have to gamble with the weather. This film shows how, each spring, prairie farmers struggle with the wind, frost, drought, rust and hail to begin again the cycle that may bring a good year or a lean one. The story of big-scale western wheat farming is told by a farm woman whose sons represent the fourth generation to operate a Saskatchewan farm. NFB

Wheat Rust

1958

17 minutes, color

Every year millions of acres of wheatland on the North American continent become a battlefield, with man competing for one of his chief sources of food against a microscopic organism. Stem rust of wheat, an air-borne scourge, annually invades lush green acres at the beginning of each growing season and lays them to shriveled ruin. This film documents what plant pathologists have discovered about the life cycle of the wheat rust fungus and their continuing attempts to produce rust-resistant varieties of wheat to withstand the hybridizing tendencies of the parasite. NFB

When Gold is Green

1961

20 minutes, color

Excellent coverage of the growing, processing and production of tobacco in Ontario. The tobacco is followed from the field to the factory, where it ends up in the package ready for marketing. Rothmans

- When Sally Fell** 1965
15 minutes
What happens in a family when a member (this time the mother) is incapacitated by an easily avoidable home accident. The accident occurred when she was using a rickety chair to reach a high shelf. After the mother returns home from the hospital, the family considers seriously what needs to be done to make their home a safer place. U.S. Public Health Service
- Where There's Smoke** 1965
10 minutes
This film gives the grade school pupil an insight, in a graphic and easy-to-understand manner, into what constitutes fire hazards and how to avoid or prevent them. A fascinating portrayal of the colorful excitement of a complete fire alarm and rescue. IEF
- Who Is Sylvia?** 1957
30 minutes
A film probe into the impasse of understanding that often arises between teen-agers and their parents. Sylvia in this film has arrived at the age where the gang comes first. Bewildered by, yet intensely aware of the new sort of world into which she is heading, Sylvia provides an insight into the inner motivations and conflicts of girls her age. NFB
- Who Shall Reap?** 1969
28 minutes, color
Reveals the extent of human suffering caused by the powerful insect world. Some disease is caused by insects and food grown for human consumption can be destroyed by insects and harmful weeds. All aspects of research, scientific development, and control possibilities are dealt with: ecological control, pesticide use and safety, planting of pretested crops, crop rotation, etc. Recommended as a teaching aid, or for general interest. USDA
- Whooping Crane** 1965
14 minutes, color
The story of the migration in North America of a rare species of crane which has become a living symbol of wildlife conservation on this continent. The film shows the protection and care and breeding experiments of the whooping crane at the Arkansas National Wildlife Refuge on the Texas Gulf Coast and in the Canadian Northwest. Fish and Wildlife Services, U.S. Department of Interior
- Why Take Chances?** 1965
10 minutes
How to prevent neighborhood accidents is the theme of this safety film. IEF
- Why Tractors Overturn** 1964
15 minutes
Photographed in England, this film demonstrates the circumstances that cause a tractor to overturn. There are various demonstrations by a remotely-controlled tractor and the results of actual tractor accidents are seen. Central Office of Information
- William Lyon Mackenzie — A Friend to His Country** 29 minutes
Defeated, hunted, jailed, he championed the cause of responsible government in Upper Canada. From the pages of Canadian history this film draws a dramatic, compelling portrait of a patriot turned rebel. NFB
- Wildlife in the Rockies** 1957
14 minutes, color
After many years of careful conservation, Banff and Jasper National Parks have become vast zoological gardens. This film shows many intimate views of the creatures of the wild, big and small, that inhabit the forested mountain slopes of these parks. Deer, moose, bear, bighorn sheep, birds and small animals that live above the tree line are natural subjects for the close-up camera. Shot against a backdrop of snowy peaks of the Canadian Rockies. NFB
- Within the Frame of Safety** 1969
6 minutes, color
This film details the designing, testing and development of a protective frame for tractors. This frame, used in conjunction with a seat belt, helps to prevent injuries due to side rolls or back flips. International Harvester
- Women on the March** 1958
1 hour (2 films)
A film record of the tempestuous struggle for equal rights that has characterized the suffragette movement since it began in England before the turn of the century. Spearheaded by resolute women like Emmeline Pankhurst, the movement underwent imprisonment, martyrdom and exile, and soon caught the attention of the world. In Europe, Russia, the United States and Canada militant women joined the march. Their sacrifices have brought success to women today in world councils, in political arenas, in every profession. NFB
- Wonders of Plant Growth** 1963
10 minutes
By growing plants themselves, Jimmy and his sister discover some ways that plants reproduce themselves. Fascinating time-lapse photography helps the children understand the process of growth. IEF
- Wordsworth Country** 1956
18 minutes
The English Lake District as a background for the study of the poems of William Wordsworth. J. A. Rank

- Work of the Kidneys** 1953
11 minutes
Planned for high school biology, physiology and health classes, *Work of the Kidneys* presents a photographic record of the many functions of the urinary system. Difficult concepts are clarified through the use of animated drawings and skillful photomicrography. EBF
- World at Your Feet** 1953
18 minutes, color
Man's inevitable and invaluable associate, the soil, is shown in a new light — a veritable thriving community in miniature, populated by living things of the animal, plant and insect worlds, some draining the soil of its usefulness, others contributing to its productivity. How this soil world maintains a harmonious balance is shown in highly magnified sequences employing time-lapse photography and photomicrography. The film deals extensively with soil substance, analyzing different types of soil structure and their resistance to varying natural conditions. Suggestions are made as to how man can make his own contributions to the good of the earth. NFB
- World in a Marsh** 1955
22 minutes, color
This film provides an intimate view of nature rarely brought to the screen — the miniature cosmos that seethes in beauty and savagery behind the tall reeds and in the quiet waters of the marsh. How strange insects, small amphibious creatures and birds devour, and are devoured, according to nature's stern decree of balance and survival of the fittest. NFB
- The World of Insects** 1965
20 minutes, color
The world of insects is brought dramatically into focus through the magnified lens of the camera. The damage caused by various beetles such as the Japanese and June beetle bug, and the transformation of the grub into a moth. California Chemical
- You Can Handle It** 1969
14 minutes
This live and animated film is a warning to all those people who lift, carry or set down any heavy or dangerous objects. The film points out the proper way to do this type of work, whether one happens to be at home, on the job or on vacation. National Safety Council
- Your Career through a Microscope** 1957
10 minutes
A film produced to inform high school students of the professional opportunities in bacteriology. Some of these include work in teaching, research, public health laboratories, breweries and food processing plants. OAC
- Your Living Heritage** 1955
15 minutes, color
The National Audubon Society believes that human progress depends on intelligent treatment and use of wildlife. This film tells the story of plants and soil, and how the Audubon Society came into being. The film shows many forms of wildlife in their natural habitat, especially birds. National Audubon Society

Slide Set Descriptions

(Unless noted otherwise, the slide sets are in color and accompanied by scripts.)

Adverse Weather Driving

1971

30 slides

Outlines the driving dangers that exist in rain, snow, mud, dust, fog, glare and high winds. It emphasizes the need to adjust speed to driving conditions in order to increase driver control and visibility. Recommended for use in high schools and at any meeting for adult groups. National Safety Council

Agricultural Limestone and Its Uses

1966

16 slides

Tells the farmer how he can obtain a soil test, what sort of limestone to buy and how best to spread it. This is a slide set that would interest all farmers and could be of use to extension workers. American Potash Institute

Agricultural Science Protects Our Environment

1967

49 slides

Pollution is of prime concern to all today. This slide set shows how agricultural scientists help to control it. It discusses water and air pollution and gives examples of testing and discoveries made by agricultural scientists in pest control, waste management, and crop improvement. For all audiences. USDA

Agriculture and the Changing Environment

1970

78 slides, black and white

Reviews agriculture's record in both exploiting and conserving the environment. It outlines the conservation and pollution problems faced by the early settlers, discusses how scientific agriculture is able to control environmental deterioration and suggests ways to make the city a better place to live for future generations. Valuable for all interested in maintaining the environment: landowners, conservationists and teachers. USDA

Agriculture and the Environment

1971

68 slides, audio tape

Designed to show how environmental pollution has evolved over a period of years and how agriculture fits into the picture. First it explains the changes in technology that have affected the environment. It next discusses how the agricultural community has contributed to pollution and what is being done to remedy the situation. The pollution paradox is also explained; many activities blamed for contamination are needed to meet the demands of the world's food needs and the needs of agricultural efficiency. Recommended for general adult audiences. Geigg Agricultural Chemicals.

Alfalfa For Top Profit

1967

40 slides

Outlines the steps necessary to get top yields from alfalfa crops. Seeding and fertilizing methods are discussed and much attention is given to harvesting practices. This slide set is recommended for any farmer wishing to improve his yields from this major forage crop. American Potash Institute

Animal Life and the Soil

1950

58 slides, black and white, captions

Discusses how animals contribute to soil development and quality. Several examples are given of ways in which different animals make their contributions. From cows, to worms, birds and beavers, all give to and take from the soil. Recommended for classroom use. EBF

Beef and Dairy Cattle

1950

15 slides

Shows six types of beef and dairy cattle: Standard Canadian, Red Poll, Santa Gertrudis, Grand Champion, American Brahman, and Charolais. OAC

Beef Conformation

1967

25 slides

Concerned with beef cattle selection for the show ring and for market. It discusses visual characteristics desirable today in live cattle. It also shows how to recognize such factors as leanness and muscling throughout the animal's body. Recommended for all cattle producers. Iowa State University

Better Farm Management with

Federal Crop Insurance

1967

41 slides

Advises the farmer that crop insurance takes the risk out of farming. It gives a brief history of crop insurance and explains such terms as premium, indemnity, policy, and contract. It also shows several instances where crop insurance is an invaluable aid to farmers. This slide set is recommended for all field crop farmers. USDA

Birds That Live Near People

1967

60 slides

Illustrates many of the birds with which most of us are familiar. This is a slide set that would be useful in the classroom and at Audubon Club meetings. Educational Film Distributors

- Breakfast and the Bright Life** 1970
60 slides
Seeks to motivate youth to improve their nutrition. The importance of breakfast to physical and mental performance is emphasized and the effect of a good breakfast pattern on weight control is also shown. Recommended for use in high schools and at youth gatherings. USDA
- Build Quality Lawns for Beauty** 1970
41 slides
Instructs the property-owner in growing and managing top quality lawns. It gives advice concerning planting, fertilizing, cutting and watering and includes information on various types of lawngrass for warm and cold season climates. American Potash Institute
- Bulk Milk Handling in Ontario** 1972
69 slides
To assist in training those concerned with the bulk handling of milk, the presentation explains the importance of proper sampling procedures and stresses the need for care of samples in transit. Shows how samples are checked for quality and how butterfat testing is done by the Central Milk Testing Laboratory operated by the Milk Commission of Ontario. OMAF
- Buy by Grade** 1965
53 slides
Encourages the use of Canadian-produced food products. It gives the consumer advice on how to recognize such products and explains the meaning of grade terms such as Canada Fancy or Canada No. 1. Meat, fruit and vegetables, dairy products, eggs, jams and maple products are all given Canadian grades to ensure quality for the buyer. Recommended for the general public. OMAF
- Buying Beef for Your Freezer** 1968
40 slides
The freezer owner has two ways to buy beef for his freezer. He can buy a side or quarter from a private dealer. Or he can buy large quantities of beef 'on special' at the right time at his supermarket. The pros and cons are given for both ways and it is left up to the buyer to decide which is wisest for him. For all freezer owners who want to know how to make the best use of their freezers. Cornell University
- Canfarm — Prepare for the 70's** 1971
80 slides — Sound recording
Describes the advantages of a new system of record-keeping for farmers. Several farmers and their wives tell how this system has benefited them, while agricultural agents and specialists explain how the system is set up with the farmers. The system is entitled Canfarm and it can be used by every type of farmer for all types of records, from machinery to feed costs.
- This slide set will be useful in all farm communities, and is recommended for wide use by extension workers. Canfarm
- Central Milk Testing in Ontario** 1972
47 slides
Shows how Ontario's Central Milk Testing system operates. Describes the care taken in sampling milk, the care of samples in transit, the testing of samples in the laboratory and the recording of each producer's test. Of interest to milk producers. OMAF
- Cereal and Forage Diseases** 1958
49 slides
Designed to help cereal and forage crop farmers identify certain disease symptoms in their plants. It depicts disease in oats, barley, wheat, alfalfa, red clover, brome, and rye. The symptoms of the more common diseases that affect these crops are shown at various stages and in various parts of the plant. American Phytopathological Society
- Chick Embryo** 1967
15 slides
Illustrates the progression of changes that occur in the development of a 3-day egg to a 19-day old chick. Shows a micro-photo of a 3-day embryo and includes other pictures of the embryo and the hatched chick. Some attention is given to feather growth. Recommended for use in high schools, agricultural colleges and 4-H Clubs. Educational Film Distributors
- Common Clouds** 1967
10 slides
Shows ten different cloud formations from stratocumulus to cumulus humilis. Included are cirrus, nimbostratus, altocumulus, and squall line clouds. Recommended for use in the classroom and for all interested in common cloud formation. Educational Film Distributors
- Consider the Soil First** 1971
73 slides
This slide set discusses how the disaster of land misuse can be avoided. It explains that the use of soil survey maps can help a builder or farmer make the best use of his land. The different types of soil and their suitability for particular projects are discussed in the set. And covered as well, is the research required for all soil survey maps. Recommended for future and present land owners and any others concerned about using soil in its best capacity. USDA
- Corn Harvesting and Storage Costs** 1967
17 slides, and captions
Designed to help the farmer calculate his two major costs in corn production. It shows him how to estimate field losses, harvesting and handling costs, and drying

costs. It also suggests different ways of drying and storing, while explaining the advantages of each method. Iowa State University

Dairy Type 1952
69 slides, captions

Describes the build or conformation of cows that are able to convert feed into milk. It explains desirable body features of dairy cows according to the four divisions on the standard score card: general appearance, dairy character, body capacity and mammary system. OMAF

Development of the Soybean Plant 1967
31 slides

Designed to help the soybean farmer control the forces that affect crop yield. The soybean plant is described in most stages of growth and the risk of loss involved at each stage is also discussed. Iowa State University

Diseases in Greenhouse Vegetables 1966
61 slides

Discusses pathogenic diseases occurring in greenhouse tomatoes, lettuce and cucumbers. The living organisms that cause the disease are also discussed, divided into four groups — viruses, fungi, bacteria, and nematodes. For plant pathologists and agricultural students. OMAF

Diseases of Miscellaneous Vegetables 1963
54 slides

Covers diseases affecting beans, crucifers, cucurbit, peppers, sweet corn, carrots, asparagus, and radish. Examples of these plants are shown as they are affected by their most common attackers. Recommended for farm meetings in areas where most farmers produce some of the vegetables mentioned. Cornell University

Diseases of Muck Crops 1958
24 slides

Shows onions, lettuce and celery plants in various states of disease. Diseases such as blight, botrytis, mosaic, pink rot and several others are described. Cornell University

Drive To Live 1969
30 slides

Effectively uses cartoons to encourage defensive driving techniques. The narration contains valuable driving tips and a reminder that driving is a serious responsibility. One must anticipate others' errors and react defensively. The slides provide questions and answers to stimulate debate. Recommended as a review for licensed drivers and ideal for those just learning to drive. Ohio Cooperative Extension Service

Electrical Safety and You 1970
35 slides

Designed to create a better understanding of electricity and how to use it efficiently and safely. Explains shock, grounding, fuses, overloading and stresses the importance of selecting CSA (Canadian Safety Association) approved appliances. Recommended for all high school and adult audiences. Michigan State University

Evergreen Shrubs for Dooryard Planting 1968
50 slides

Discusses the variety of evergreens available to the homeowner. House style, soil, and climate are considered with each recommendation made. Can be used by extension workers to show people some steps to attractive dooryard planting. USDA

Facts Point to Fall-Winter Fertilization 1968
41 slides

Explains the advantages of fertilizing in fall or winter rather than spring. Sloppy fertilizing may result when the farmer is pressed in the spring by uncertain weather and the need to plant new crops. Careful fall and winter fertilizing methods, as shown in this slide set, could well solve the problem. For all field crop growers. American Potash Institute

Farm Safety 1967
16 slides, captions

Briefly reviews the various accidents that can occur on a farm. Each slide contains a rhyming caption that serves to present a safety tip quickly. Suitable for rural community groups and young farmer groups. OMAF

Farmstead Improvement 1959
49 slides

Shows the farmer how he can make his farm more attractive. It discusses the importance of attractive entranceways, the use of natural materials to enhance appearance and the need to brighten farm buildings with paint. Cleaning up the homestead increases real estate value, offers more attractive living conditions and reduces chances of farm accidents. OMAF

Fertilizer Application for Top Profit Yields 1967
48 slides

Encourages the farmer to use proper fertilizing methods for top profit yields. The slide set gives specific instructions for corrective and maintenance fertilizing, band and broadcast methods, and liquid application. For the farmer who wants to use his fertilizer more wisely. American Potash Institute

Fertilizing Both Small Grains and Legume Seedings 1962
41 slides

Teaches the farmer how to manage two different crops living in rotation on the same soil. It discusses

the importance of using good quality grain, replacing lost nutrients and testing for fertilizer placement. American Potash Institute

Field Diagnosis and Tissue Testing 1968
51 slides

Gives the farmer step-by-step instruction in making field observations. Methods of sampling and taking nutrient tests are shown, to help the farmer find what his 'limiting factor' is. Suitable for use in agricultural colleges and at farmers' meetings. American Potash Institute

Food Mystique 1972
28 slides

Food today is often surrounded by myths and legends based on little fact and much emotion. It is difficult for people to sift through the volumes of information available on food, and select only the reliable facts. This slide set examines some misbeliefs concerning food and presents facts covering these areas: refining of foods, additives, pesticides, "wonder" foods, and government protection legislation.

Recommended for high school and university students and adult groups. Department of National Health and Welfare.

Food Preservation 1969
116 slides

Acquaints the homemaker with the principles of food preservation and provides a simple and practical step by step guide to freezing, canning, and preserving methods. Using common fruits and vegetables, the slides demonstrate each method from the initial stages of preparation to the final task of labeling and storage. Variations of each process are discussed to allow for individual tastes and preferences. For homemakers, home economics teachers, and anyone interested in preserving food with top quality flavor and texture. Purdue University

Foundation Planting about the Home 1964
24 slides

Gives the homeowner some insight into the types of plantings most suitable for present-day home styles. Emphasis is given to planning your plantings so they will satisfy your needs in the future as well as the present. Recommended for those building new homes or those relandscaping their property.

Foundations For Your Home 1969
33 slides

Stresses the importance of a structure's foundation and points out common foundation failures. The presentation covers all aspects of construction; function of the foundation, foundation types, construction materials, conditions and forces affecting the foundation and ways in which to reduce these pressures. It

suggests precautionary measures to avoid foundation problems and faulty construction. Directed at the prospective home builder, this slide set is suitable as an instruction aid for students at a technical or college level. USDA

Garden Flowers 1966
20 slides

Shows 20 types of flowers that people enjoy in their gardens. Of interest to garden club members and botanists.

Go Seek and Hide 1969
43 slides

Urges parents to put out of reach all household products that are potential killers of children. It shows how easily such products are consumed by children, yet how easily they could be placed out of sight and reach. On a tour through an average household, one sees the enormous danger that lies in every bottle, can, or medicine chest full of handy products for adult use. Would be useful at PTA and other adult meetings. American Association of Poison Control Centres

Grow Top Profit Corn 1971
44 slides

Illustrates some points for growing high-quality corn for top profit. It stresses good management above all and advises the adoption of a wise fertilizer program. Discusses soil sampling at all stages of growth, nutrient needs, fertilizer application, hybrid varieties and early planting. Also included is a discussion on pests and secondary and micronutrient problems. Produced in the United States, this slide set is applicable to Canadian conditions and is recommended for all corn farmers. American Potash Institute

Growth Habits of Weeds 1971
52 slides

Every crop farmer needs a thorough knowledge of the growth habits of weeds if his control program is to be effective. The slide set emphasizes the importance of early recognition and selected control measures. It identifies different types of weeds and the crops with which various weeds tend to interfere. Recommended for use as a teaching aid at agricultural meetings and agricultural colleges. USDA

Hand Tools 1967
30 slides

Discusses the safety rules to be followed in the use of tools at work and at home to avoid injuries. One must first use the right tool for the job. The proper way to use most tools is well demonstrated. Recommended for all those who do use hand tools and also a helpful teaching aid in shops and factories. National Safety Council

- Heirs To The Ages** 1969
80 slides, sound recording
Tells the story of wine making in Canada. It gives an interesting background to present-day wine making, outlining the early church's attitude to wine and that of a new-world settler who sells his wine to his neighbors. The slide set describes grape varieties and the steps in wine making. We see the preparation for vintage, pressing, fermentation, fining, aging, and pasteurizing. It also discusses the making of champagne. An interesting slide set for all, it will also be useful as a teaching aid. Canadian Wine Institute
- How Electric Motors Start and Run, Part 1** 1968
38 slides, captions
Explains in simple but thorough terms what makes a motor run. It describes the basic principles of magnetism and tells how it gives a motor its power. Suitable for those with a limited knowledge of magnetism and electricity. Southern Association of Agricultural Engineering
- How Electric Motors Start and Run, Part 2** 1968
48 slides, captions
Explains clearly how three specific types of motors start. The types discussed are the split phase motor, the universal motor and the repulsion-start induction motor. Recommended for use in classrooms. Southern Association of Agricultural Engineering
- How Food Affects You** 1968
48 slides
About the nutrients your body needs to keep it in the best shape. It explains how food contributes to the growth of your skin, hair, muscles, blood cells, nerves and bones. The most important nutrients are proteins, minerals, vitamins, fats and carbohydrates and it advises which foods to eat to gain these nutrients. Recommended for health and home economics classes and for younger school children. USDA
- How Long Will It Last?** 1950
71 slides, black and white captions
Concerned with soil conservation. A thought-provoking slide set, it first shows man's very basic dependency on the soil for food, clothes, and shelter. It then explains how man has misused the earth's soil and it leaves one to decide how long the soil will continue to provide. Useful in higher grades and for discussion groups. EBF
- How Man Conserves Soil** 1950
59 slides, black and white, captions
Outlines many methods man has used to protect soil. These include fertilizing, crop rotation, cultivation, contour farming, strip cropping, mulching, irrigation and several other practices. For classroom use. EBF
- How Man Has Used the Soil** 1950
60 slides, black and white, captions
Concerned with land conservation. A brief history is given of how early settlers took land abundance for granted. They abused and carelessly used up natural resources so that today we must struggle to conserve them. Good land practices are encouraged. Recommended for classroom use. EBF
- How Soil Is Formed** 1950
79 slides, black and white, captions
Gives a detailed explanation of how rock turns into soil. All the elements that contribute to rock disintegration and eventually soil formation are discussed. Recommended for use in the classroom. EBF
- How to Buy Eggs** 1969
40 slides
Deals with the differences in the size and grade of USDA graded eggs. The viewer is shown how candling is done and is given advice about purchasing eggs. Menu ideas are also offered, proving eggs to be a versatile food. Recommended for use in home economics classes and at women's groups meetings. USDA
- How to Have a Family Home Fire Drill** 1963
27 slides
Takes the viewer on an imaginary fire drill in the home of a family. Tips are given on getting out of windows from one and two storey rooms, how to agree on a meeting place once everyone has escaped, how to use the telephone in an emergency, and how to avoid breathing smoke. Recommended for all viewers it would be especially useful in the classroom. National Institute for Farm Safety
- Insects of Agronomic Crops and Stored Products** 1969
88 slides
Describes insect pests of stored products — grain, corn, soybeans, tobacco, and cotton — as well as insects of forest crops. Shows the damage they cause. Produced in South Carolina, this material is applicable to Canadian vegetation and will be valuable to entomologists, specialists who will be able to lead discussion at agricultural meetings, and agricultural representatives. South Carolina Agricultural Extension Service
- Insects of Horticultural and Forest Tree Crops** 1969
94 slides
Depicts vegetable insects, insects of ornamental plants, shade and forest insects, pecan insects, and fruit insects. Produced in South Carolina, this material is applicable to Canadian vegetation and will prove valuable to entomologist, specialist who will be able to lead discussion at agricultural meetings, and agricultural representatives. South Carolina Agricultural Extension Service

Insects, Moths and Butterflies 1967
48 slides

Describes various types of moths and butterflies. It shows also such insects as ants, beetles, caterpillars, bees, spiders and wasps. Useful in the classroom. USDA

Lawn Maintenance and Lawn Care 1964
51 slides

Illustrates several aspects of lawn care. Included are common spring troubles, fertilizer effects, weed problems, and mowing errors. This is a slide set for all property owners who wish to keep a beautiful lawn. OAC

Lilies for Minnesota 1970
50 slides

Describes the various lilies grown in Minnesota. The Red David, Brenda Watts, Golden Splendor and Easter Lily are a few of those mentioned. It discusses the use of lilies in bouquets, displays, and in accenting architectural features and explains how to buy, plant, and care for them. Of interest to garden clubs, home gardeners, and botanists. USDA

Liquid Manure Handling 1966
61 slides

Discusses the different methods of storing liquid manure to avoid pollution. It also covers the nutrient content in different manures. Useful to extension workers for use at farm community meetings would also be useful in the agricultural colleges. OMAF

Little Children and Big Poisons 1972
44 slides

Prepared as part of an educational program on the prevention of poisonings.

The viewer follows the adventures of Carole the creeper, Tommy the toddler and Cindy the climber, through the kitchen catch-all, the family medicine chest, laundry room and the garage. The presentation points out the danger of accessibility to children of potential poisons. It suggests steps that can be taken to prevent accidents and how to react when poisoning does occur. American Association of Poison Control Centers.

Meat Identification 1966
101 slides, captions

Describes all the types of fresh meat available to the consumer at retail stores. These meats are divided into five categories: beef, veal, pork, lamb, and variety meats. Recommended for consumer groups and general audiences. National Live Stock and Meat Board

Milk the Magnificent 1969
50 slides

One of a series of slide sets entitled "Food Makes

the Difference". Designed to inform the consumer about nutrition, it explains the vital role that milk and milk products play in supplying daily dietary requirements. Comparisons are made between the nutritional content of milk and other basic foods to demonstrate that milk is an economical, convenient, and versatile source of nutrition. Recipes are illustrated to encourage housewives to use milk products creatively and consistently in their meal planning. Suitable for showing in health and home economics classes and recommended for all meal planners and those concerned with nutrition. USDA

Minerals in the Soil

46 slides, black and white, captions

Explains the composition of the earth's crust in terms of its mineral content. The mineral elements of phosphorus, potassium and calcium are discussed in detail. Recommended for classroom use. EBF

Miscellaneous Insects

43 slides 1969

Part of a slide series on livestock and plant diseases caused by insects. It illustrates beneficial and harmful household, poultry, and livestock insects. It also includes a brief study of the life cycle of the housefly. Produced in South Carolina, this material is applicable to Canada and will be useful to entomologists and agricultural specialists. South Carolina Agricultural Extension Service

Mow in Safety

23 slides 1967

Discusses the safety rules to follow in using today's powered lawn mowers. There are things to watch for before, during and after mowing, and there are dangers peculiar to each style of mower. Recommended for the operator of the walk-behind mower, the riding mower and the garden tractor. Farm Safety Council

Ontario Cheddar Cheese

64 slides, sound recording 1966

Takes the viewer behind the scenes in the cheesemaking industry. It first deals with the production of Cheddar cheese, then discusses the use of cheese in our daily meals. The nutritional value in one cubic inch of cheese is compared with the food value in such foods as milk, carrots, eggs, salmon and cabbage. Cheese is also shown to be compatible with a variety of other foods. For all audiences. OMAF

Ontario Maple Syrup

75 slides, sound recording 1969

Designed to introduce people to Ontario's maple syrup industry. A historical outline of the making and use of maple syrup is given, then the scientific innovations of modern syrup production are explained. The varied use of maple syrup in the home is discussed

briefly. Of interest to all viewers, it could be used in the classroom, at farm meetings and by extension personnel. Also available with a French commentary. OMAF

Pesticides and their Safe Use In and Around the Home
48 slides, sound recording

Designed to make homeowners more aware of the need for safe use of these poisonous chemicals and to suggest alternatives. Viewers are advised where and when to use pesticides and how to store and dispose of containers. For any audience. OMAF

Photosynthesis 1968
40 slides, captions

Designed especially for classroom. Older children will see how green leaf plants use carbon dioxide, water, and light to make food for themselves, and thus for animals and man. The slide set shows how the entire world relies on green plants for food and breath. Jam Handy Organization

Planning Farm Shop Layout 1967
74 slides, captions

Gives a detailed plan to follow in designing a new farm shop. It discusses the type of shop needed, location, size of service area, arrangement of metal working area, woodworking area and storage equipment, size of windows, heating system, lighting and installment of electrical outlets. Recommended for use of extension workers. Southern Association of Agricultural Engineering

Plant Analysis 1967
32 slides, captions

Encourages the farmer to 'see the unseen through chemistry'. It shows him that plant analysis can detect deficiency and confirm plant symptoms. And it shows him what parts of the plant to analyze, as well as when and how to send them to a laboratory. Purdue University

Plant Life and the Soil 1950
79 slides, black and white, captions

Discusses the interdependant relationship of soil and plant. The role plants play in the formation, protection, and quality of the soil is explained. Recommended for classroom use. EBF

Play It Safe 1969
79 slides

Tractor accidents are costly in terms of time and money. They can also cause serious injury or death. This slide presentation outlines the ground rules for safe tractor operation. It gives specific instructions on trailer loading, driving on slopes, bumps, overturning, refuelling, etc. A tractor is only a machine. It performs only as well as it is handled. A useful guide for all tractor operators. Ford

Potassium for Agriculture 1966
66 slides

Covers thoroughly the use of potassium in modern agriculture. It begins with an explanation of what potassium is and how it is mined, then explains its effect on soil and plant. Several different crops are shown to benefit greatly from soils with a high potassium content. The effect of potassium deficiency is also discussed. American Potash Institute

Potassium Hunger Symptoms 1966
40 slides, captions

Shows the effect of potassium deficiency in various types of field crops and the effect (on many of the same crops) of increased potassium. For use by extension workers and educators in the agricultural field. American Potash Institute

Quick Identification Improves Road Safety of Farm Vehicles 1967
21 slides

Designed for urban and rural audiences to encourage the use and recognition of Slow Moving Vehicle (SMV) signs. All farm vehicles that travel regular road should carry these signs and the need is shown clearly in this slide set. University of Illinois

Remote-Sensing — A New Look at Agriculture 1971
40 slides

Remote-sensing is a way of getting information from a distance with specially sensitized instruments. This slide set explains how agricultural research uses remote-sensing cameras with infrared film to discover facts about plants, soil and water conditions. It shows how infrared film can reveal the silt conditions of water, the presence of too much salt in soil and of disease in plants, and stresses its importance to agricultural research. Ideal for older school children and the general public. USDA

Revelations of a Register Tape 1969
71 slides

Explains many of the causes for the increase in the cost of foodstuffs, but at the same time shows that less money buys more and better food for today's consumer, as compared with past years. Recommended for general audiences. USDA

Roadside Weeds and Brush 1951
30 slides

Discusses the major problems with roadside weeds. They disfigure a community and threaten the health of animals and humans, yet they are persistent and vigorous plants that are difficult to destroy. This slide set explains why and how they should be destroyed. Recommended for community groups. OAC

- Safe Storage and Use of Flammable Liquids** 1963
36 slides
Deals with the hazards of petroleum and other flammable liquids and the precautions to be taken in using them. Six procedures are suggested for storage and use. A check list is offered for the viewer to test his own safety standing in the use of flammable liquids. National Institute for Farm Safety
- Safety Attitudes** 1967
30 slides
Shows the advantages of acting safely, at home or on the job. First it shows how unsafe attitudes cause unsafe behavior, then goes on to prove that unsafe attitudes can be changed to safe ones. And once this is done, everybody benefits. Suitable for high school students and employee groups in all fields of work. National Safety Council
- Science and Food For Freedom** 1967
47 slides
About the hungry people of the world and how agricultural research has helped, and can continue to help them help themselves, stressing the importance of exporting our knowledge rather than our finished products. It reveals some of the problems that they face: tsetse flies and screwworms that destroy cattle herds; poor irrigation and soils which limit food production. The use of modern agricultural techniques in these areas brings hope and help to the hungry nations. Recommended for all viewers. USDA
- Selecting Breeding Stock — Gilts and Boars** 1950
53 slides, captions
Discusses the body features necessary in good breeding stock. The condition of these features at six months tells the owner whether or not he has breeding stock. Useful to extension workers and to agricultural students. OMAF
- Selecting Farm Motors** 1967
72 slides, black and white, captions
Discusses the size and type of motors available for different uses in farm equipment. It is recommended for use of extension workers. Southern Association of Agricultural Engineering
- Shrub Disease** 1966
25 slides
Describes 15 types of shrub, each one having the symptoms of some shrub disease. Recommended for plant pathologists and pathology or botany students. Cornell University
- Silage Systems for Swine** 1971
59 slides
To help the swine farmer plan his feeding and storage systems. The slide set describes whole plant silage and high moisture corn systems for feeding pigs. The daily cost (per sow) of a silage-based diet is given and different methods of storage are discussed. OMAF
- Small Fruit Diseases** 1966
52 slides
Details the effects of several diseases that attack strawberries, brambles, blueberries and grapes. The results of diseases are shown on both young and old plants, on roots, stems and leaves. For agricultural schools and plant pathologists. Cornell University
- Snowmobile Safety** 1970
50 slides
To help snowmobilers in the safe operation of their machines, the presentation offers practical suggestions on protective apparel for maximum comfort, preventative maintenance tips, and important safety precautions. Intended for snowmobile operators, it advocates the formation of snowmobile clubs to help organize this popular winter sport. Cornell University
- Southern Corn Leaf Blight** 1970
62 slides
Gives a thorough explanation of how leaf blight affects the entire corn plant. Also discussed are how the disease spreads and ways of controlling it. Of interest to corn growers and plant pathologists. Auburn University
- Soybean Diseases in Iowa** 1965
28 slides
Gives a thorough explanation of several diseases that affect soybean crops in Iowa and suggests control measures that can be followed by any farmer wishing to lessen disease in crops. Useful to agricultural students and growers. Iowa State University
- Spring Wildflowers of Northern and Southern Quebec and Ontario** 1964
101 slides
Describes most of the wildflowers that can be found in Quebec and Ontario during the spring, giving both Latin and common names of the flowers. Recommended for botanists and botany clubs. NFB
- Standards — Beef Cattle, Dairy Cattle and Horses** 1952
34 slides, captions
This slide set shows standard beef and dairy cattle and horses of North America. It would be of interest to agricultural students and cattle or horse owners. OAC
- Summer Birds** 1966
20 slides
Shows examples of birds that prefer warm temperatures: Robin, Flicker, House Wren, Belted Kingfisher, Killdeer, Eastern Bluebird, Tree Swallow, Mourning

Dove, Brown Thrasher, Cowbird, Bobolink, Hummingbird, Eastern Meadowlark, Barn Swallow, Red-winged Blackbird, Cedar Waxwing, Chipping Sparrow, Baltimore Oriole, Goldfinch and Sandpiper. Of interest to school children and Audubon Club members. NFB

Swine Conformation 1967
41 slides

Depicts variation in body shape of hogs, providing external clues to carcass composition and muscling. It shows live and frozen swine and explains the good and poor qualities in each animal. Of interest to swine breeders and buyers. Iowa State University

Ten More Bushels of Soybeans 1964
51 slides

Shows how farmers can increase their profits and lessen expenses per acre simply by saving 10 more bushels of soybeans. Tips are given on planting, nutrient requirements, and weed and insect control. American Potash Institute

Test Your See Power 1966
30 slides

A slide presentation for group training in accident prevention. Shows 12 traffic situations a driver could encounter any day of the week and the viewer is asked to think with his eyes in trying to spot the hazard in each situation. National Safety Council

Tomato and Potato Diseases 1966
33 slides

Describes the plant symptoms of various diseases that strike tomatoes and potatoes. Suitable for agricultural students and tomato and potato growers. Cornell University

Tractor-Operator Overturn Protection 1967
25 slides

Shows the advantages of three types of tractor protection: the protective canopy, the roll-guard and seat-belt combination, and the cab. It is then left to the driver to decide which form of safety he will use. University of Nebraska

Tractor Tragedy 1966
25 slides

Outlines the rules for safe tractor operation. It discusses highway driving, pulling weights, driving on slopes and across ditches, and driving alone. The slide set advises the use of a protective frame and driving at a realistic speed. Ohio State University

Training and Handling Horses 1969
25 slides

Will acquaint young people with proven methods in horse training. It covers the use of the whip, the bit, and the twitch, and discusses longeing and other

horse training topics. It also gives the objectives of horse training. Useful to all young people who are interested in horses and ideal for 4-H and Junior Farmers meetings. University of Minnesota

Tree Disease 1966
37 slides

Shows 20 trees, each affected by disease. Some trees are shown to be susceptible to more than one type of disease. Recommended for agricultural students and plant pathologists. Cornell University

Tree Fruit Disease 1963
51 slides

Describes the diseases that affect the larger fruits such as apple, pear, peach, plum, and cherry. The various disease symptoms are shown to affect the trunk, leaves, branches and actual fruit. Of interest to agricultural schools and plant pathologist. Cornell University

University of Guelph 1970
80 slides

Each university has its own distinctive character and this slide set shows that the University of Guelph is no exception. It begins with a brief history of the university, from the time it was comprised of only the Ontario Agricultural College, the Ontario Veterinary College and Macdonald College, to the present. It explains the trimester system, the programs and facilities and residences available. Of interest to high school students and others considering a university education. University of Guelph

USDA Egg Products Inspection 1969
37 slides

Egg products are whole eggs, yolks, or whites in liquid, frozen, or cooked form. This slide set outlines egg breaking and processing operations, stressing the rigid scientific inspection program which provides the bulk-quantity buyer with top quality egg products for the production of consumer food. This step by step account of the egg's route through the many inspection stations, machines, and operators emphasizes the sanitary operations which protect consumers. It also shows the important role automated technology plays in modern efficient plants. Of interest to egg producers and consumers. USDA

Water and the Soil 1950
66 slides, black and white, captions

Explains the need for water in the soil. The water cycle is illustrated, the three types of soil water are explained, and the movement of water in the soil is examined. There is also discussion of how soil moisture can be controlled. Recommended for classroom use. EBF

- Weed and Wayside Plants** 1967
9 slides
Described the following plants: Blue Vervain, Bull Thistle, Cattail, Dandelion, Goldenrod, Hawkweed, Milkweed, Mullein, and Pokeweed. This is a slide set for the classroom and would be especially helpful to young school children just learning to identify plants. Educational Film Distributors
- What's Wrong With My Corn?** 1965
45 slides
Shows the corn farmer how to anticipate, recognize and control the problems that might be preventing him from getting top yields and profit. It discusses drainage problems, nutrient needs and pests. It also offers advice on choosing quality seed, getting good stands and improving soil condition. American Potash Institute
- Wildflowers** 1967
51 slides
Describes 51 of the more common wildflowers found in North America. It can be used effectively in the classroom and at meetings of nature enthusiasts. Educational Film Distributors
- Wraps and Packs for Food** 1968
44 slides
Explains the purpose of food packages, the growth of the food packing industry, the laws and regulations (U.S.) controlling food packaging, and trends in food packaging. Recommended for consumer audiences or those studying any form of economics. Michigan State University
- Your Rural Road Challenge** 1961
36 slides
Designed to alert drivers to the dangers that exist on rural roads. There are six common hazards, often taken lightly by drivers because they think they are familiar with the roads. However, most of these hazards can be easily eliminated by rural groups. The hazards and the steps to end them are the concerns of this slide set.

Using the Agdex System

The following index has been set up using the Agdex Filing System outline. All agricultural films and slide sets on any particular subject have been listed under the appropriate classification headings. An outline of these headings appears below.

In order to find a particular film, look for the title under its subject heading in the Index. If a film covers more than one subject, it will be listed in each classification.

Outline of the Agdex Classification Headings:

Field Crops —

General — Agdex 100

Grain Crops — Agdex 110

Forage Crops — Agdex 120

Roots and Tubers — Agdex 160

Horticulture —

General — Agdex 200

Forestry —

General — Agdex 300

Animal Science —

Livestock General — Agdex 400

Dairy — Agdex 410

Beef — Agdex 420

Sheep — Agdex 430

Swine — Agdex 440

Poultry — Agdex 450

Horses — Agdex 460

Small Animals — Agdex 470

Wildlife — Agdex 480

Soils —

General — Agdex 500

Insects, Diseases, Pests —

General — Agdex 600

Entomology — Agdex 610

Plant Insects — Agdex 620

Weeds — Agdex 640

Engineering —

General — Agdex 700

Economics —

General — Agdex 800

Sociology — Agdex 880

Agriculture —

General — Agdex 000

Education — Agdex 010

Health — Agdex 080

Safety — Agdex 085

List of Films and Slide Sets According to the Agdex Classification

Agdex Classification

FIELD CROPS

General — Agdex 100

Films

Back-breaking Leaf
Crops and Robbers
Crops — Changing Systems
Crops Not Weeds
Design for Abundance
Flying Seeds
Growing Feed for Livestock
How to Beef Up Feedlot Profits
Ontario Silage Conference — 1971
 Economics of Forage and Grain
 Grain Silage Systems in Colorado
 High Moisture Grains for Dairy Cattle
 Silage Systems on Longo's Farm
 Trends in Feed Preparation Systems
Pasturelands
The Photosynthesis and Respiration Cycle
Raise More for Less
Riddle of Photosynthesis
Roots of Plants
Surface Silos
This Vital Earth
Trend's in Feed Preparation Systems
What's Behind the Tag
When Gold is Green
Wonders of Plant Growth

Slide Sets

Farming on the Slope
Photosynthesis
Plant Analysis
Potassium for Agriculture
Potassium Hunger Symptoms
Science and Food for Freedom

Grain Crops — Agdex 110

Acres of Science
Farming for Profit — Cereal
 Grains
Farming for Profit — Corn
Grain from Field to Feed: High
 Moisture Corn
Grain Silage Systems in Colorado
High Moisture Grains for Dairy
 Cattle
How to Prevent Corn Harvest
 Losses
It's the Crop that Counts —
 Part 3, World of Wheat
The Midas Touch
Silage Systems on Longo's Farm
Wheat Rust

Cereal and Forage Diseases
Corn Harvesting and Storage
 Costs
Grow Top Profit Corn
What's Wrong With My Corn?

Forage Crops — Agdex 120

Alfalfa — Queen of the Forages
Cash in on Grass
Economics of Forage and Grain
Farming for Profit — Forages
Good Alfalfa Requires Good
 Fertility

Alfalfa for Top Profit
Cereal and Forage Diseases

<i>Agdex Classification</i>	<i>Films</i>	<i>Slide Sets</i>
	Grass Roots in the Soil Growing Alfalfa Successfully Look to Ladino New Ideas in the Storage of Forage	
Seed Crops — Agdex 140		Development of the Soybean Plant Ten More Bushels of Soybeans
Roots and Tubers—Agdex 160	Potatoes from Planting to Harvesting	
HORTICULTURE General — Agdex 200	American Elm for Beauty or Beetles And So It Grows Appleland Apples for Christmas Arranging Flowers in Your Home Artistry in Flowers Be Careful Boys Bonsai Budget Flower Arrangement Canned Fruit and Vegetables Color Me Golden Community Action for Beauty The Easier Way Flowers at Work Fourteen Carrots Freezing with Confidence Fruitland: Ontario Style Fruits of the North Great Tomato Harvest Harvest Time Heating Cable Home Landscaping How to Grow Roses Indoor Plants Landscaping for the Future Leaning About Gardening Mini-Gardens New Guidelines for the Well-Landscaped Home Plant Growth Planting and Transplanting Point Pelee — Nature Sanctuary Potash Deficiency in Apple Trees	Agriculture in Ontario Build Quality Lawns for Beauty Common Garden Flowers Diseases in Greenhouse Vegetables Diseases of Miscellaneous Vegetables Diseases of Muck Crops Evergreen Shrubs for Dooryard Planting Food Preservation Foundation Planting About the Home Garden Flowers Heirs to the Ages Lawn Maintenance and Lawn Care Lilies for Minnesota Science and Food for Freedom Spring Wildflowers of Northern and Southern Quebec and Ontario Wild Flowers

FORESTRY

General — Agdex 300

Pruning Practices at the Brooklyn
Botanic Gardens
Public Gardens of Vienna
Red Letter Day
Roots of Plants
Safe in Your Own Back Yard
Study of Spring Wild Flowers
Wonders of Plant Growth
World in a Marsh

Ontario Maple Syrup

ANIMAL SCIENCE

Livestock General —
Agdex 400

The Arteries of Life
The Changing Forest
Changing Maple Country
Color of Life
Four Seasons
Land Revived
Look to the Forest
Maple Sugar
Seeds of Destruction
Spruce Bog
Trees, Our Plant Giants

Agricultural Waste Management

Agriculture in Ontario

Animal Wonders
By-products
Can-Pak System

Liquid Manure Handling
Meat Identification
Science and Food for Freedom
Standards Beef Cattle, Dairy
Cattle and Horses

Feeding Livestock
Freezing with Confidence
Healthy Livestock — Quality
Guaranteed
How to Beef up Feedlot Profits
Knowing Animals
Livestock — Managing for Profit
Livestock Production
Man-Made Miracles
The Market Place
Pasturelands
Reproduction among Mammals
Story of Meat in Canada
This Vital Earth
Three to Get Ready

Dairy — Agdex 410

Bulk Milk Collection
The Cheddar Cheese Story
Commercial Cheddar Cheese
Industry — 1864-1964
The Fences are Coming Down
Food For Thought
Grade A Every Day
High Temperature Short Time
Pasteurization
Mastitis
Mastitis — Something Can Be Done
Mechanical Auctioneer

Beef and Dairy Cattle
Bulk Milk Collection in Ontario
Central Milk Testing in Ontario
Dairy Type
Milk the Magnificent

Ontario Cheddar Cheese

<i>Agdex Classification</i>	<i>Films</i>	<i>Slide Sets</i>
	Milk The Production of Clean Milk Quality — It's Our Business	
Beef — Agdex 420	Cattle Ranch Cutting and Boning a Hindquarter of Beef Cutting and Boning a Forequarter of Beef	Beef and Dairy Cattle Beef Conformation (Buying Beef for Your Freezer)
Sheep — Agdex 430	No Sacred Cows Dogs, Sheep and Mr. Bo-Peep Harvest Time Stomach Worms in Sheep	
Swine — Agdex 440	A Beats C The Better Way Estrous Control in Gilts From B to A New Facts About Pork Pig and the Public Raising Hogs the Market Wants	Selecting Breeding Stock — Gilts and Boars Swine Conformation
Poultry — Agdex 450	Chick Life Chicken Broiler Industry and Fresh Eggs Chickens by the Millions Egg Production in Ontario Eggs, from Farm to Frypan Harvest Time Keep the Best and Sell the Rest The Kick that Makes the Chick More Money for Your Eggs Overture Nyitany Poultry Transplanting a Hen's Ova Turkey Goes to Pieces	Chick Embryo Guide to Culling Hens How to Buy Eggs USDA Egg Products Inspection
Horses — Agdex 460	Corral Cutting Halter Mr. Decathlon No Hoof — No Horse Reining	Training and Handling Horses
Small Animals — Agdex 470 Wildlife — Agdex 480	Animal Friends Animal Friends Bird Neighbors Birds of the Prairie Marshes The Chameleon The Colorful Cuttlefish Embryonic Development of a Fish Fisheries of the Great Slave Fishing Fun Hydra Islands of Green	Birds That Live Near People Summer Birds

SOILS

General — Agdex 500

Life in a Garden
Life in the Woodlot
Patterns of the Wild
Point Pelee — Nature Sanctuary
Red 14
Salmon's Struggle for Survival
The Sea
The Sea Urchin
Whooping Crane
Wildlife in the Rockies
World in a Marsh
Your Living Heritage

Arteries of Life

Canada Landform Regions
Conservation and Balance in
Nature
Erosion

Food for Thought and Tomorrow
Found — Lost Acres by Tile
Drainage
Good Alfalfa Requires Good
Fertility
Good Soil Management

Grass Roots in the Soil
Grassed Waterways
Grassland Farming

Green Plant
Growing Alfalfa Successfully
Growing Feed for Livestock

Land Revived
Machine Placement of Fertilizer

Marshland Pasture

Microscopic Life in the Soil
More From Less
Ponds for Profit
Potash Deficiency in Apple
Trees
Potassium for Agriculture
Problems of Soil Conservation
Rape of the Earth
Seeds of Destruction
This is Our Land
This Vital Earth
Water Movement in the Soil
Weather or Not
World at Your Feet

Agricultural Limestone and Its
Uses
Alfalfa for Top Profit
Animal Life and the Soil

Facts Point to Fall—Winter
Fertilization
Farming the Slopes
Fertilizer Application for Top
Profit Yields
Fertilizing both Small Grains
and Legume Seedings
Field Diagnosis and Tissue
Testing
Grow Top Profit Corn
How Long Will It Last?
How Man Conserves Soil
How Man Has Used the Soil
How Soil is Formed
Liquid Manure Handling
Minerals in the Soil
Plant Life and the Soil
Potassium for Agriculture
Remote Sensing — A New Look at
Agriculture
Ten More Bushels of Soybeans
Water in the Soil

**INSECTS, DISEASES
PESTS**

General — Agdex 600

Films

Call it a Weed
Chemical Conquest
The Chemicals of Plenty
Co-Ral
Crops and Robbers
Crops Not Weeds
Design for Abundance
First Bite of the Fruit
Growing Alfalfa Successfully
Habits and Characteristics of
Norway Rat
Habits and Characteristics of
the Roof Rat
Heed the Label
The Housefly
Life in the Woodlot
The Midas Touch
Pesticides in Focus
Poisons, Pests and People
Prescription for Safety
Safe Use of Pesticides
Search, Destroy and Preserve
Tiny Terrors
Weed Sprayer Calibration
Wheat Rust
Who Shall Reap?

Entomology — Agdex 610

Battle of the Centuries
Birth of a Caterpillar
City of Wax
Emergence of a Dragonfly
Forest Tent Caterpillar
The Great Golden Digger Wasp
Honeybee
Insects Are Interesting
Integrated Control of Orchard Insects
Introducing Insects
Killers of the Insect World
Life in a Garden
Life of the Bees
Miracle of the Bees
Monarch Butterfly Story
Point Pelee — Nature Sanctuary
Realm of the Honeybee
Red-Banded Leaf Roller
Taste of Honey
The World of Insects

Plant Insects — Agdex 620

American Elm for Beauty or
Beetles

Slide Sets

Cereal and Forage Diseases
Diseases in Greenhouse
Vegetables
Diseases of Miscellaneous
Vegetables
Diseases of Muck Crops
Pesticides and Their Safe Use
in and Around the Home
Plant Analysis
Remote Sensing — A New Look At
Agriculture
Shrub Disease
Small Fruit Diseases
Southern Corn Leaf Blight
Soybean Diseases in Iowa
Ten More Bushels of Soybeans

Tomato and Potato Diseases

Tree Disease
Tree Fruit Disease
What's Wrong with My Corn?

Insects of Agronomic Crops and
Stored Products
Insects of Horticultural and
Forest Tree Crops
Insects, Moths and Butterflies
Miscellaneous Insects

ENGINEERING

General — Agdex 700

Films

Agricultural Engineering —
Profession with a Future
Building Techniques
Diesel Decisions
Farm Better Electrically
Farm Machinery Management Today
Growing Alfalfa Successfully
Heating Cable
A Hole in the Pocket
How to Beef up Feedlot Profits

How to Prevent Corn Harvest
Losses
Livestock Production
Machine Placement of Fertilizer
Make it a Safe Harvest
More Money for Your Eggs
New Ideas in the Storage of
Forage
A New Word for Farming
No Sacred Cows
On a Day Off
Pole Barns and Milking Parlors
Ponds for Profit
Run for the Money
Snow and Wind Problems around
Farm Buildings
Store Front Farmers
Surface Silos
This is Our Land
Water on Tap
Weed Sprayer Calibration
Why Tractors Overturn
Within the Frame of Safety

ECONOMICS

General — Agdex 800

About Making a Decision

The Business of Farming
Canned Fruit and Vegetables
The Cardboard Cow

The Challenge of Abundance

Economics of Forage and Grain
Family Farm Business Arrangements
Faraway Fields
Farm Management — Records, Plans,
Decisions
Farm Work Simplification
Grassland Farming

Slide Sets

Growth Habits of Weeds
Road Side Weeds and Brush
Barberry and Buckthorn
Weeds and Wayside Plants

Alfalfa for Top Profit

Farmstead Improvement

Foundations for Your Home
How Electric Motors Start and
Run, Pt. 1
How Electric Motors Start and
Run, Pt. 2
Planning Farm Shop Layout
Remote Sensing — A New Look
at Agriculture
Selecting Farm Motors

Ten Bushels of Soybeans
Tractor-Operator Overturn
Protection

Better Farm Management with
Federal Crop Insurance
Buy by Grade
Canfarm
Getting Started in Mixed
Farming
Revelations of a Register Tape
Wraps and Packs for Food

Agdex Classification

Films

Slide Sets

Helping Hands
How to Beef Up Feedlot Profits
How to Prevent Corn Harvest Losses
International Plowing Match, 1963
Livestock — Managing for Profit
The Market Place
Methods Analysis
Money Matters
No Sacred Cows
The Ontario Fact
Partners
Quality Control
Raise More for Less
Revolution on the Land
Run for the Money
Store Front Farmers
This is Our Land
The Threshold
To Stay or Move
What Farm Price Support Means to You

Sociology — Agdex 880

ARDA
Bridal Veil Falls
Community Responsibilities
Cooperation, Competition, Conflict
Country Threshing
Lessons in Living
Ontario North — A New Day
Our Changing Family Life
Social Class in America
Who is Sylvia?

AGRELATURE

General — Agdex 000

And So It Grows

Canada: Landform Regions

Conservation and Balance in Nature
Country Threshing
Earth in Motion
Eye of an Artist
Farm Vacations
Farm Work Simplification
Four Seasons
International Plowing Match, 1963
Islands of Green
Junior Bronco Busters
Lincoln County — Century of Harvest
Look to the Forest
Our Metropolis: City of Plenty
The Partner
The Pony
Quality — It's our Business
The Settler
Store Front Farmers

Agricultural Science Protects Our Environment
Agriculture and the Changing Environment
Agriculture and the Environment

Common Clouds

EDUCATION

Agdex 010

Thirtieth Annual College Royal
To Stay or Move
Your Living Heritage

Basic Kitchen Knives
Colloids
Dimensions
Five For the Future
Footsteps to the Future
Four Families
From 4-H Onward
Green Plant
Home Economics Story
Keystone
Leaving It to the Experts
Ontario North — A New Day
The Photosynthesis and Respiration
Cycle
Plant Growth
Radiation
Taste of Honey
Three to Get Ready

Buy by Grade
Food Preservation
Food Mystique
Heirs to the Ages
Photosynthesis
Revelations of a Register Tape
Your Canada Pension Plan
University of Guelph
Wraps and Packs for Food

HEALTH

Agdex 080

Cell Division
Control of Body Temperature
Design for Abundance
Eternal Children
Feeling of Depression
Feeling of Hostility
Feeling of Rejection
5BX Plan for Physical Fitness
From Sociable Six to Noisy Nine
From Ten to Twelve
Frustrating Fours and Fascinating
Fives
Heredity
Human Reproduction
Human Skeleton, Muscles, Movement
and Posture
Inside the Cell
Laws of Heredity
Meiosis
Menu
Mitosis
Nervous System
Over-Dependency
Reproduction among Mammals
Riddle of Photosynthesis
Shyness
Stress
Teeth Are to Keep
Terrible Twos and Trusting Threes
Weight Reduction through Diet
Work of the Kidneys

Breakfast and the Bright Life
Food Mystique
How Food Affects You
Little Children and Big Poisons
The Power of Food

Safety — Agdex 085

ABC's of Walking Wisely
Are You Warm to the Touch?
Are We Fire Safe?
Artificial Respiration
Be Water Wise
Boating and Good Sense

Bushmaster
Chance of a Lifetime

Deadly Driving Errors — a Matter
of Distance
Death is a Careless Hunter

Donald's Fire Survival Plan

Drownproofing
Electrical Safety in the Home
Elmer — Our Hero
Every Second Car

Falls Are No Fun
Farm Petroleum Safety
Farm Tractor Safety — A Family
Affair
Find a Float
Fire In My Kitchen
Freeway Phobia
The Gamblers
Gentleman Jekyll and Driver Hyde
Green Cross For Safety
Gun Safety
Hands Off
Heed the Label
Highball Highway
How to Do Rescue Breathing
How to Fight Fires in the Kitchen
How to Have an Accident in the
Home
Ice Safety
I'm No Fool Having Fun
I'm No Fool in Water
I'm No Fool with Fire
The Incredible Journey
It's Been a Good Day
It's Time to Light the Fire
License to Kill
Make It a Safe Harvest
Miracle of Paradise Valley
Motor Mania
A Mowing Lesson for Charlie
One Day's Poison
Play It Safe
Read the Label and Live
Safe in Your Own Back Yard

Adverse Weather Driving
Drive to Live
Electrical Safety and You
Farm Safety
Go Seek and Hide
Hand Tools
How to Have a Family Home Fire
Drill
Mow in Safety
Pesticides and their Safe Use
In and Around the Home
Play It Safe

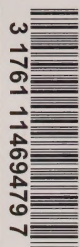
Quick Identification Improves
Road Safety of Farm Vehicles
Safe Storage and Use of
Flammable Liquids
Safety Attitudes
Snowmobile Safety
Test Your See Power
Tractor-Operator Overturn
Protection
Tractor Tragedy
Your Rural Road Challenge

Agdex Classification

Films

Slide Sets

Safest Township Anywhere
Safety Everywhere — All the Time
Safety in the Kitchen
Safety with Fire
School Bus Safety — With Strings
Attached
School Safety Committee
A Second Chance
Signs of Life
Snowmobile Safety
The Sound of Sound
Step in the Right Direction
Story of Anyburg, USA
Survival Swimming
Ten Long Minutes
This Bus is Special
Tractor Sense
Unrestrained Flying Objects
When Sally Fell
Where There's Smoke
Why Take Chances?
Why Tractors Overturn
Within the Frame of Safety
You Can Handle It



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